HOLSTEIN-FRIESIAN WORLD

TRADE MARK REG.

COMBINING

Black and White Record

VOL. XV. NO. 44 | Price $1.00 Per Year

NOVEMBER 2, 1918

VIEW OF THE BUILDINGS AT EMBLAGAARD DAIRY, MICHIGAN

Application made at the Lacona, N. Y., postoffice for entry as second class matter.

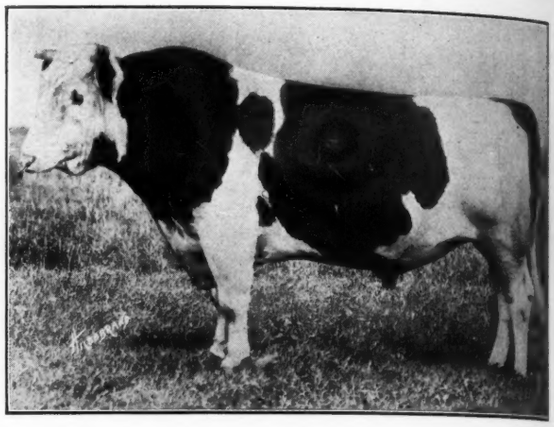
King Sadie Vale Supreme

READY FOR SERVICE

—His Sire—

King Korndyke Sadie Vale

Known from coast to coast as the greatest sire of his age. The sire of no less than 35 A. R. O. daughters, five of them above 30-lb., one above 40-lb. as a 3-yr-old. He is the only bull in the world with a 40-lb. dam and a 40-lb. daughter. He is the only bull with a 40-lb. dam, a 40-lb. sister and a 40-lb. daughter, and he is the only bull with a 40-lb. daughter with an average of over 39-lb. for his two nearest dams.



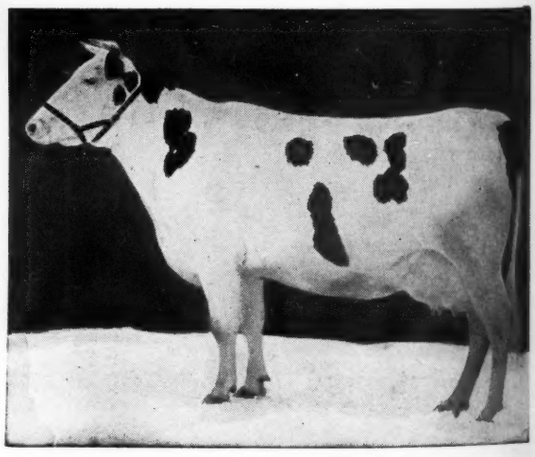
—The Bull—

His 2 nearest dams average	40.72
His 3 nearest dams average	38.18
His 4 nearest dams average	38.90
His 5 nearest dams average	38.56
His 6 nearest dams average	37.24
His 8 nearest dams average	37.23
His 9 nearest dams average	36.50
His 10 nearest dams average	35.81

—His Dam—

K. K. S. V. Topsy

K. K. S. V. Topsy is the only 3-yr-old in the world that ever made over 40-lb. butter after dropping twin calves. Her record is 40.38-lb. butter from 568.4-lb. milk. She is sired by King Korndyke Sadie Vale and is from a 33-lb. cow that is by a son of the first 37-lb. cow and is a sister to the first 40-lb. heifer, Mabel Segis Korndyke.



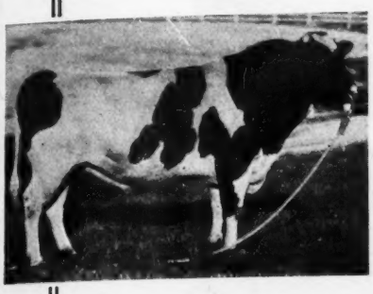
The Price is in Keeping With His Quality But He is Absolutely the Best Bred Bull on the Market Today.

Brothertown Farms

QUENTIN McADAM UTICA, N. Y. 23 South Street

A Son of These Splendid Animals

His Sire



Sir Prilly Segis

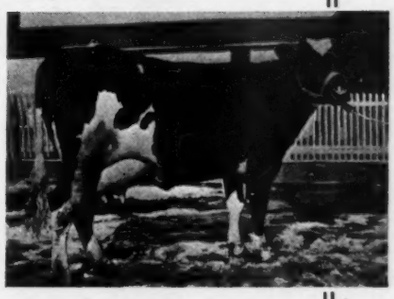
7 MOS. OLD

More White Than Black

A Show Bull

His two nearest dams average over 31-lb.

His Dam



Ormsby Korndyke Armyn

HIS DAM A 32.55-lb. FOUR-YEAR-OLD

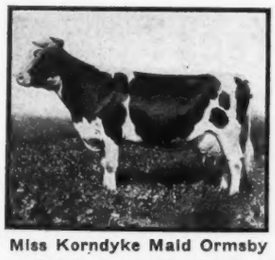
Imagine owning a son of a 32.55-lb. 4-year-old with a 30-day record of 133.51 lb., which at the time of making was the State record for one of her age and now on STRICTLY OFFICIAL year test with every indication of going over the 1000-lb. mark. Then to have this bull sired by Sir Prilly Segis, the sire of 14 first calf 20-lb. 2-year-olds. He by King Segis from a 30-lb. 4-year-old. And the dam of this beautiful calf a sister to the Champion O K L Albina

WHERE CAN YOU BETTER THIS BREEDING?

BEAVER DAM FARM Julius Schmid, Owner **Montgomery, N. Y.**

Woodlake Farm

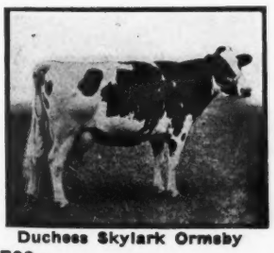
JOHN B. IRWIN, Prop.



Miss Korndyke Maid Ormsby

"Home of the

ORMSBYS"



Duchess Skylark Ormsby

ADDRESS–
STATION F., MINNEAPOLIS, MINN.

Herd Headed by Two of the

Breed's Greatest Sires

King Korndyke Colantha Ormsby 96546

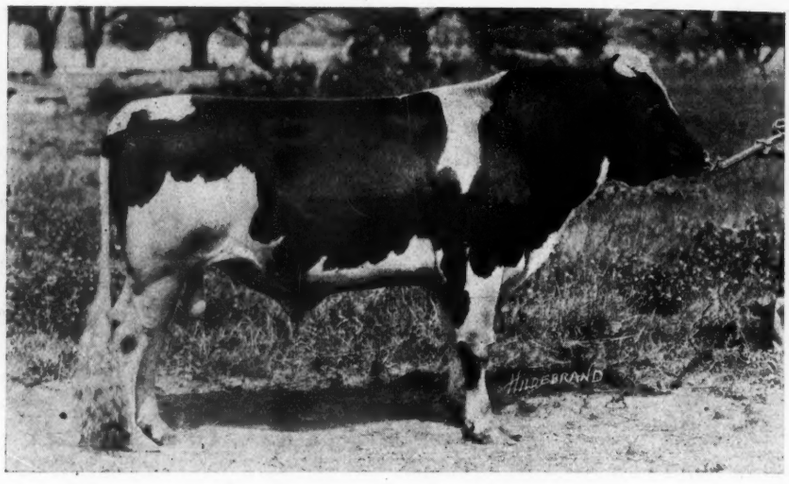
A son of Colantha Johanna Champion that has five 30-pound daughters and whose dam is that great cow, Colantha 4th's Johanna, the only cow that has ever held all butter records from seven days to a year, the dam of King Korndyke Colantha Ormsby is Miss Korndyke Maid Ormsby whose yearly records are 1,255.63 pounds butter and 25,418.30 pounds milk. She is a daughter of one of the greatest foundation cows and a former world's champion, Pietertje Maid Ormsby.

Sir Ormsby Banostine Champion 166276

Without a doubt one of the best bred long-distance sires. His dam is Duchess Skylark Ormsby, the world's champion yearly butter producer—the only 1,500-pound cow. He is sired by Maplecrest Butter Boy De Kol whose sire and dam's sire each have four daughters whose yearly records average 1,215 pounds butter.

When in need of females or a herd sire, write us your needs. You can get them here and they are the world's record kind.

This Is The Bull That Heads My Herd



KING HENGERVELD SEGIS 16th

A Son of WANDERMEERE BELLE HENGERVELD 42.65

The Highest Priced Cow in the World

His Two Nearest Dams Average 36.54

WARD W. STEVENS Liverpool, N. Y.

You Raise Purebred Cows, Why Not Purebred Horses?

HAVE your horse power on your farm as good as your dairy. Buy a registered Percheron colt from prize-winning mares and let him grow into a real horse for you. We have some young purebred mares, weanlings and two-year-olds for sale. Black and gray in color and beautiful specimens of horse flesh. They will not cost you much more than grades either.

Nothing for sale in the cow or bull line at this time

ANTRIM FARMS

C. L. AMOS, Owner **Syracuse, N. Y.**

King of the Rag Apples

"The Greater Bull"

No. 215089

The Greater Bull Because

He is a son of Rag Apple Korndyke 8th, "The Greatest Bull in the World." Sire of World Champions.

The Greater Bull Because

He is a son of Superba Palmyra, "The World's Champion Jr. Three-Year-Old." Butter 39.24, Milk 678.40.

The Greater Bull Because

For eleven generations he has had a World's Record Cow or Heifer in each generation as his direct ancestor.

The Greater Bull Because

Every sire in his fourth generation is a Century Sire. Something to think about.

The Greater Bull Because

He inherits the blood of World's Champions.

The Greater Bull Because

His grandam, Bloomingdale Hengerveld Palmyra is considered to be the most perfect type of a dairy cow now living.

The Greater Bull Because

For five generations the sires in his pedigree have produced no less than one hundred and forty cows with records from 30 to 47.11 lbs.

The Greater Bull Because

He is the only bull in the world whose dam and sister at the average age of 3 yr. 5 mo. have seven-day official records averaging 40.83 lbs. butter, 672 lbs. milk.

The Greater Bull Because

His daughters will be tested by

COLE & BROOKS

The Greatest Developers of 40-lb. and World's Champions the world has ever known.

For further information write

Crescent Valley Farm **Granville, N. Y.**

OPPORTUNITY

— IS —

Knocking Knocking Knocking at Your Door

Green, the world's greatest Holstein benefactor, will sell **sons of King Champion Rag Apple,** the world's greatest sire of individuality, on the following terms: Three equal payments for approved notes payable one, two and three years from date of purchase.

Just think for yourself—most people let others think for them. Always keep in mind your success as a Holstein breeder depends almost entirely upon the kind of a sire used. Do you know of a real successful breeder who does not owe his success to some great bull that at some time has sold at a very reasonable price? Did you know that Rag Apple Korndyke 8th, (advertised as the greatest bull in the world), once sold for less than $1000? And scores of other great bulls have been sold for no greater amount.

We have several sons of KING CHAMPION RAG APPLE, and every one a nice, straight topped, well grown fellow, ready for service, that can be had for $1000.

BUY A SON OF KING CHAMPION RAG APPLE and your success is practically assured.

WALNUT CREST FARMS

P. O. Middlefield, O. A. W. GREEN, Prop. R. R. Sta., E. Orwell, O.

Are You Satisfied With A Four Flush?

You Ought Not To Be

FOR 1917-1918

FOR 1916-1917

PLAIN FACTS TELL YOU BETTER

The STEVENS HERD stood second for the total sum of prize money won in the regular prize divisions of the Association (Far outclassing all other Eastern Herds).

The STEVENS HERD stood second for the total sum of prize money won in the regular prize divisions of the Association. (Far outclassing all other Eastern Herds).

For the past three years no other herd has averaged to stand as high in the list of money winners.

WE STOOD SECOND AS BREEDERS OF WINNERS OUT DISTANCING ALL OTHER EASTERN HERDS

Don't Classify Us by Our Advertising—We're Different.

Perhaps you have not thought of us just as you should. It is very likely there is no other breeding establishment run like ours. We don't dry them up early and fatten them for the sake of say 60-lb. in a week. We have no secret methods, we have no high salaried fitters and feeders. This is a real dairy farm and not an advertising investment.

If we were less modest we might claim to be the leading Holstein establishment when judged by the production of the cattle we breed and sell. They deliver the goods for us and they will for you.

Spring Farm King Pontiac 6th **OUR ADVANTAGES OVER OTHER BREEDERS** Forty Years Start of Breeding The Best in Holsteins

Both are advantages you can get in your next bull if you come here and look them over. That's your best play.

Est. 1876 **HENRY STEVENS & SON** 175 Head

LACONA, N. Y.

The home of Spring Farm King Pontiac 6th, the bull that puts degree in pedigree.

The Shortest Route is Always a Straight Line

Hengerveld
De Kol

Pontiac
Korndyke

King of
the Pontiacs

The Mighty Monarch

Segis Heng.
Fayne Johanna
47.35

Segis Fayne
Johanna
50.68

Vikina
Johanna
39.43

$300.00 Fee—

This is the very nominal fee at which we have decided to accept good record, approved cows for the next three months, for service to this bull.

BROAD MEADOWS FARMS

PAWLING, N. Y.

PAUL T. BRADY, Owner

HENRY E. LEE, Herd Manager

Forest City De Kol Nudine

A Grandson of

Friend Hengerveld De Kol Butter Boy

A Brother to

Nina May De Kol of Cooley Farms

3-yr-old—23325.6 milk—1046.36 butter—365 days.
Strictly Official

Sire—Maplecrest Highlawn Cleveland

Dam—Daisy Mahomet Nudine De Kol, 19.86 lb. butter 2 yrs. old.
Now on semi-official and will make 1000 lb. butter.

The Calf—8-mo.-old, mostly white, a fine individual. Write soon.

L. H. Moulton, Farm Supt.

Cleveland City Farm

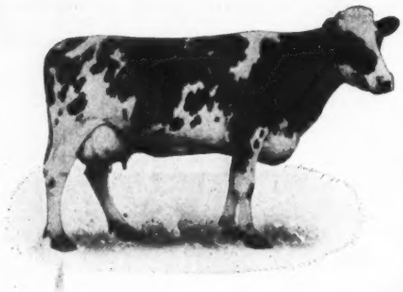
WARRENSVILLE, OHIO

H. L. Starkey, Charge of Cattle

BETTA LYONS NETHERLAND

HER GRANDSON

Sired by King Joh—FOR SALE



Butter	34.71
Milk	623.00
Butter 30 days	124.37
Milk	2602.40
5 A. R. O. daughters—	
Betta Lyons	30.09
Segis Betta	28.99
Betta Lyons Walker	28.39
Betta Walker	26.20
Betta Lyons Segis	20.02

Grandam of KING LYONS with six 30-lb. daughters.

This young bull was born April 22, 1918. He is nearly all white in color, straight over the back and is the only calf I can offer WITH HIS THREE MATERNAL DAMS ALL ABOVE 30 lbs.

HIS DAM is Betty Lyons that as a junior 4-year-old made 30.09 lb. butter in 7 days and 109.32 lb. butter in a month. She is sired by King Lyons, (6 30-lb. daughters) and he from a 28.60-lb. daughter of Betta Lyons Netherland. The dam's dam is old Betta Lyons Netherland, one of the greatest cows that ever lived. She was the first cow of the breed to twice make better than 34 lb. butter and her dam was Blanche Lyons Netherland with 34.36 lb. butter from 746 lb. milk and 140.18 lb. butter from 3084 lb. milk in 30 days. Betty Lyons carries 62½ per cent of the blood of Betta Lyons Netherland and with her dam and grandam constitute one of the combinations of three direct generations of 30-lb. cows.

HIS SIRE is King Joh, the junior sire at Moyerdale, King Joh is by King Segis Pontiac Alcartra from a 33-lb. daughter of Johanna McKinley Segis, the only 40-lb. son of King Segis.

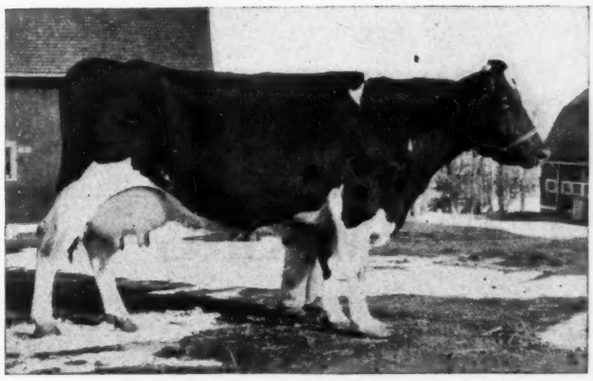
In the breeding of this calf you will find twelve cows with records of 30 to 40-lb. and average 33.87 lb. You will also find twenty-nine cows with records that average 30.41 lb. Ten of his fifteen nearest dams are all 30-lb. cows.

MOYERDALE FARM

SYRACUSE, N. Y.

H. A. MOYER, Owner JAS. GILLETTE, Supt.

Friesland Farm Holsteins



NIVA KALMUCK

Butter 45.24

The Second Highest Record Cow Developed West of the Mississippi River

She was bred, born, raised, developed and is now owned in this herd, together with a very great number of her sisters and close relatives.

OUR HERD SIRES

Rag Apple Korndyke Boon **Alcartra Hengerveld Segis De Kol**

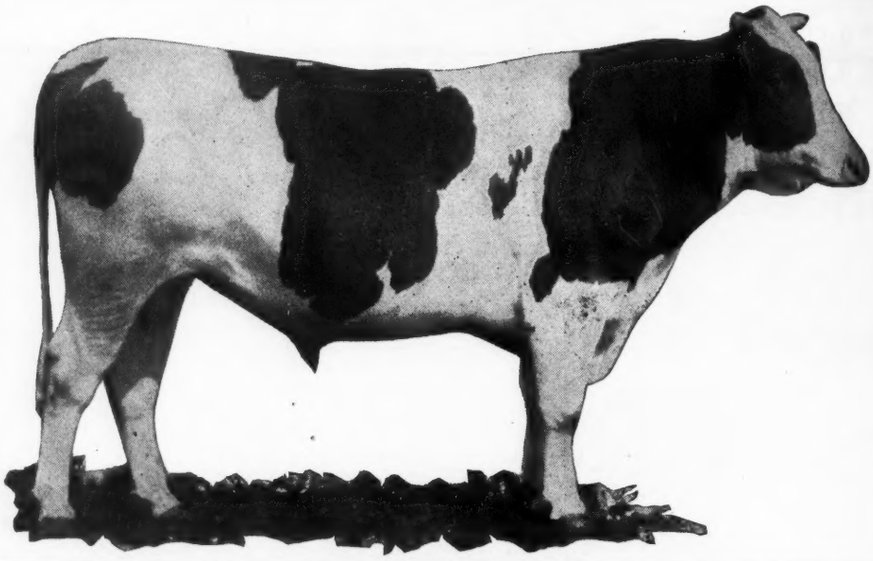
The former, already one of the best proven sons of Rag Apple Korndyke 8th, is from a 32-lb. four-year-old daughter of Pontiac Korndyke and is therefore a three-fourths brother to the present world's champion 42-lb. senior three-year-old.

The latter, a young sire, is by King Segis Pontiac Alcartra, famed as the first $50,000 bull, while his dam is Meta Hengerveld, one of the 11 30-lb. daughters of old Hengerveld De Kol and certainly one of his very finest individual daughters.

In one you get Pontiac Korndyke four times close up. In the other you get King Segis and Hengerveld De Kol.

WE CAN SELL YOU SONS OF EITHER OF THESE SIRES FROM DAMS UP TO 30 LBS. THAT ARE SISTERS TO THE FAMOUS NIVA KALMUCK.

Friesland Farms *B. B. Davis, Owner* *Henry Stubbe, Mgr.* **Omaha, Neb.**



SPRING FARM KING—Our Herd Sire

The Only Full Brother to the First 44-lb. Cow

A son of King of the Pontiacs and Tweede De K ol Lass.

One of his sons from a high record cow is what you want ; we have one from a 32 lb. daughter of a 44-lb. cow.

F. M. JONES **SPRING FARM HERD** **CLINTON, N. Y.**

World's Records In This Bull's Pedigree —

FOR SALE

VON HEIM SIR HARTOG ORMSBY

TWIN No. 214248

The dam is a 31-pound cow of great dairy type and has a number of remarkable records. She has two daughters (twins) that have just made wonderful records both tested at 26 months, and averaging 25.95 pounds butter, 5.2 per cent butterfat. The dam has a 31-pound full four-year-old sister and is by a brother of the sire of Duchess Skylark Ormsby, the world's champion cow for yearly butter production, while her sire is brother to Pietertje Maid Ormsby, twice a world's champion for thirty-day butter production.

The sire has two A. R. O. daughters that at 28 months averaged 25.98 pounds butter, 455.4 pounds milk; one daughter is a 31-lb. heifer at 30 months. He is by the wonderful sire Aaggie Cornucopia Johanna Lad, the best son of the former world's champion Aaggie Cornucopia Pauline, 34.32 pounds butter in seven days, world's record when made and only cow with record above 30 pounds to have 30-pound daughter, granddaughter, great granddaughter, the latter with two 30-pound daughters, each with a 30-pound daughter. The sire's dam is by the great Colantha Johanna Lad, and twice made over 29 pounds butter in seven days.

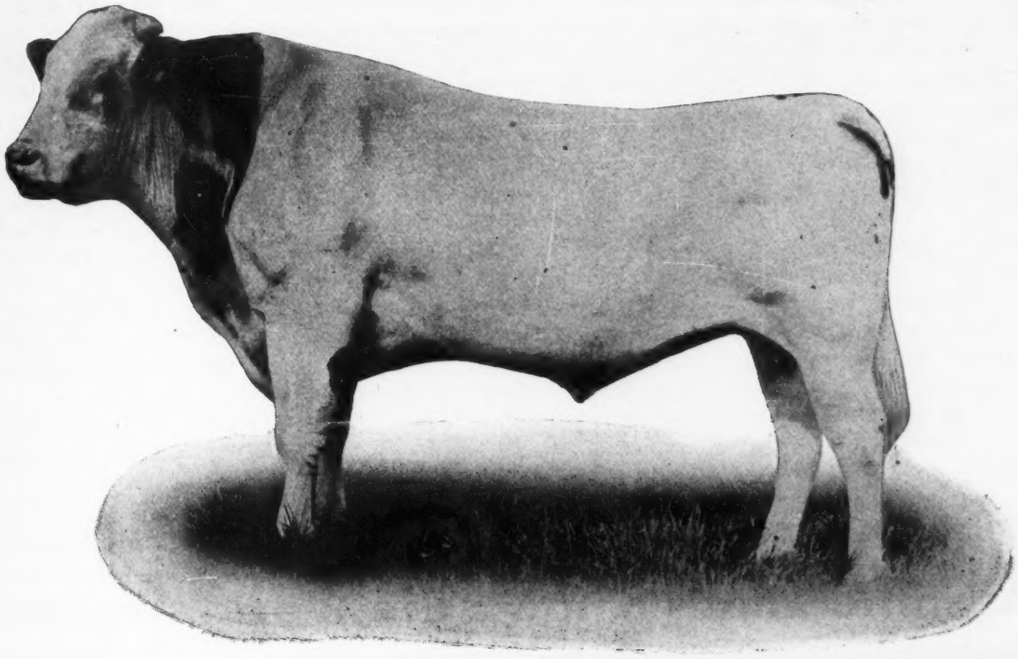
This bull is mostly white, a faultless individual, and is bound to make a great sire. His sisters are making tremendous records, and the daughters of his dam are by a Colantha bull, showing that Von Heim Sir Hartog Ormsby has a remarkably successful nick of breeding in his pedigree that is bringing desired results.

VON HEIM FARM, KENT, WASH.

J. VON HERBERG, Owner
M. J. WALTHER, Supt.

The Greatest Proven Sire of His Generation

KING PONTIAC CHAMPION



The Logical Successor to His Sires

KING OF THE PONTIACS and PONTIAC KORNDYKE

NOW THE SIRE OF

81 A. R. O. Daughters : 9 30-lb. Daughters

DURING THE PAST YEAR

He led all sires in number of prize winning daughters.
He led all sires in number of 30-lb. daughters.
He led all sires in number of semi-official record daughters.
He, with his sire, King of the Pontiacs, and his grandsire, Pontiac Korndyke, are the greatest three-generation group in the world.

WE BELIEVE HE WILL SURELY BECOME THE NEXT CENTURY SIRE

He has more daughters, more 30-lb. daughters, more 25-lb. daughters and more 20-lb. daughters than any other son of his sire and the average semi-official records of all his daughters is unequalled by any bull living or dead.

A PABST QUALITY BULL !

PABST STOCK FARM **Oconomowoc, Wis.**

"PONTIAC"

"WHERE THE CHAMPIONS COME FROM"

Notwithstanding the fact this name has been a household word for many, many years, it is doubtful if breeders generally recognize, up to this time, the importance it has had in the upbuilding of the breed and the close relationship it bears with the ancestry of nearly every past, present and, without question, future champion.

It has become universally known as the prefix of production. Wherever you find a "Pontiac" you invariably find a great producer, if not a world's champion in her class.

Hengerveld De Kol and Pontiac Korndyke received their life start in this herd. Their descendants through both the male and female lines have perpetuated their good qualities and have established them more solidly with us than can be found in any other herd in the world. It is the descendants of these two marvelous sires that today entirely make up the herd. No other herd in the world can guarantee to you so much of the blood of these two great animals, through succeeding generations.

The bulls we are selling today are proving the superiority of these many infusions of the "Pontiac" blood. They are going out and siring the same sort of great, big, strong, heavy-producing cows—the profitable kind, so characteristic of the line they represent.

The fact the name has lived so long is simply a case of **"Survival of the Fittest."**

"Pontiac" is still in a position to supply the same quality of sires it has supplied for the past 25 years.

PONTIAC STATE HOSPITAL

E. H. HALSEY, Steward **PONTIAC, MICHIGAN**

A Name That's Known the World Around

KING KORNDYKE CORA VEEMAN DE KOL

Born June 13, 1918

A Full Brother to a 32-lb. 4-yr.-old

Sire: **KING KORNDYKE SADIE VALE.** Enough said.

Dam: **CORA VEEMAN DE KOL** (by Sir Veeman Hengerveld).

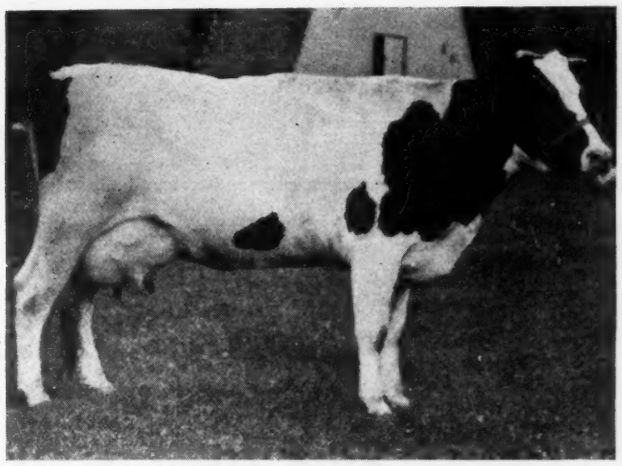
Butter	24.22	Milk	430.70
Butter	95.18	Milk	2004.50

One of the best producing daughters of her sire, the latest century sire of the breed. She is also a great yearly producer.

This calf is a full brother to K K S V Cora with a 4-year-old record of 32.23-lb. butter from 514.6 lb. milk and a 2-year-old record of 26.62-lb. butter from 397.1-lb. milk. This young bull will make good wherever he goes. He is a large growthy fellow, evenly colored.

W. D. ROBENS POLAND, N. Y.

THE CHAMPION "TRIO"



Lola Pontiac Segis

7 days at 3 yr.	32.60	662.20
30 days	129.84	2691.30
7 days, 4 years	34.13	772.8
30 days	139.60	3013.5

Beauty Girl Pontiac Segis

7 days at 3 yr.	37.16	713.50
30 days	136.17	2820.00
365 days	1112.91	24924.70
7 days at 24 mo.	28.56	513.30
30 days	116.69	2098.90
90 days	305.13	5935.10

This heifer has broken 20 World's records in two lactation periods.

Jewel Pontiac Segis

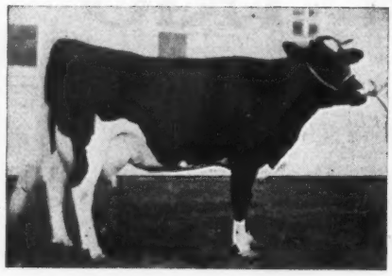
7 days at 3½ yr.	35.27	768.80
30 days	142.09	3154.90
120 days	511.66	11405.10
7 days at 26 mo.	28.04	586.50
30 days	112.79	2450.60
7 days, 360 da. after calv.	22.76	465.40
365 days	1004.25	21891.80
305 days	833.70	18117.40

This heifer has broken 35 world records in two lactation periods.

THE ONLY 3 700-LB. SISTERS All Under Full Age

All Sired by KING SEGIS PONTIAC COUNT

ARDEN FARMS J. M. HACKNEY Owner **St. Paul, Minn.**



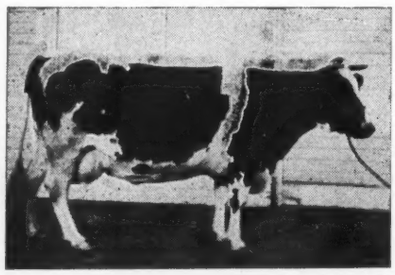
Queen Piebe Mercedes

Butter 365 days (4 yrs.) 1,389.45
Milk 30,230.20
(World's records all breeds)

Sir Pietertje Ormsby Mercedes

and his

Five 1000-lb. Daughters



Bess Pietertje Ormsby Mercedes

Butter 365 days (5 yr.)..... 1,235.33
Milk 29,053.20

FACTS AND FIGURES—not wild dreams—have proved beyond a doubt that Sir Pietertje Ormsby Mercedes is the most ideal sire of the breed.

EVERY BREEDER KNOWS the value of type and there is no greater guarantee of type in the world than Sir Pietertje Ormsby Mercedes.

EVERY BREEDER KNOWS that a long time record is a truer indication of production than a seven-day record and Sir Pietertje Ormsby Mercedes has proved beyond a doubt that he is the greatest long-distance sire.

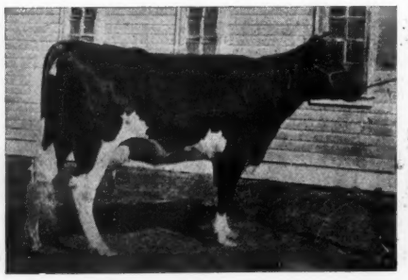
YOU HAVE DECIDED that your next herd sire must be a winner for type—the place to get him is where type is bred from type.

The E. C. Schroeder Farms

Box 576-W **Moorhead, Minn.**

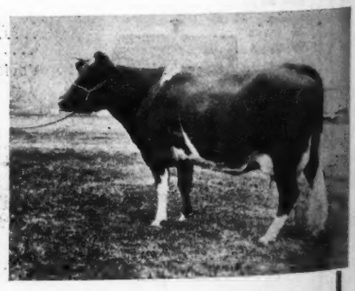
Queen Piebe Ormsby Mercedes

Butter 365 days (4 yr.) 1,136.01
Milk 24,123.10



Colantha Pietertje Lass

Butter 365 days (4 yr.) 1,023.68
Milk 19,921.90



Dinah Pauline Clothilde Ormsby

Butter 365 days (4 yr.) 1,146.01
Milk 24,078.10

Holstein-Friesian World

Vol. XV Lacona, N. Y. and Syracuse, N. Y., November 2, 1918 No. 44

What Is the Matter With Holstein-Friesian Advertising

Editor's Note—We are mighty glad to present this brief article upon the matter of our Holstein-Friesian advertising. "A. G. W." has given all of us much to think about, for the supreme importance of advertising, in a big nation-wide industry such as ours, renders it of paramount interest that we go about our publicity wisely.

There are hundreds of breeders who must depend upon the entire nation for their market for surplus stock. Every breeder would do well to seek wider markets rather than depend upon what his neighboring community is willing to pay him for his best efforts in breeding Holsteins. Hence every breeder's interest in advertising is vital. The money he spends for advertising may be put down as insurance against the failure of the selling end of his business, and we all admit that the selling end is the important terminal of our effort. Advertising, therefore, represents much more than its mere cost—it represents the breeders' one big opportunity, and the money spent for advertising space is mighty small beside the importance of making it effective.

We of the World plead guilty to doing some of the very things that "A. G. W." condemns. Our Advertising Service "gets up in the clouds" too—perhaps it's the "eyes of youth" or too enthusiastic an appreciation, if that were possible, of the wonderful work some of our breeders are doing in the way of developing Holstein ideas. At any rate we plan to take a share of "A. G. W.'s" advice unto ourselves, and we pass his story on with the suggestion that it be given the attention its importance deserves.

It is a pleasure to be able to say that in the near future we are to have an article by the same author on "How to Write Holstein-Friesian Advertising," a constructive story that will make up for any "scolding" this good writer gives us this time.

> "The next time you write copy for your advertisement, forget all the old fallacies. Forget all about your competitors. Picture in your mind as best you can the man who is in the market for Holstein-Friesian stock and tell him your story about your offerings modestly, truthfully, clearly and completely and its 'force' and 'effect' will be far stronger and resultful than the hip-hip-hooray, boastful 'best-in-the-world' ever proved to be."

IF you are a Holstein-Friesian breeder you probably are an Holstein-Friesian advertiser. You have stock to sell.

Have your results been always gratifying?

I dare say, the majority of breeders would answer "No."

Have you ever tried to discover the reason why?

Being a seller largely, have you ever put yourself in the position of the buyer?

Have you ever said to yourself, "I know little about the advertiser of the animal offered for sale; or the herd he owns; how it is handled, cared for, or the standing and reputation of the owner. Would you under these circumstances buy from what you state in your own advertisements?

After you have prepared your advertisement have you ever put it to such a test as suggested above before you sent it in for publication? Just go through this issue, read a number of the advertisements, then put yourself in the "other man's shoes"—the man who is a prospective purchaser and who, no doubt, will read more of these advertisements than you ever thought of reading.

What conclusions do you arrive at?

What conclusions do you suppose the prospective buyer arrives at, especially if he is a man just going into the business—just looking around to find stock for a foundation herd?

I dare say your answer will be the same as his—**confusion.** And why are you and he confused?

Because the great majority of advertisers think and say, possibly unconsciously, that their stock is the **best** on the market.

If it were not for seeming too personal, I would like to quote below, a dozen or two headlines, from the same issue of the World—any issue in fact, actual examples as concrete proof that statements are being made that are untruthful, misleading, detrimental, and disgusting, which if something is not done to change it, will impose a reputation and standing upon the Holstein-Friesian industry which cannot be but little short of disastrous.

This is a great big, wide world.

There is room enough for all and it is not necessary for each breeder to try and outdo his fellow breeder in the superlatives he uses in his advertisements.

I would say the Holstein-Friesian advertisers are in the same boat today that the general merchandise advertisers were several years ago.

General advertisers used to do the same thing—a few do yet, where they can, but the majority have found that straight-forward, conservative, simple, direct and non-misleading statements in advertising "bring home the bacon" more often and at less cost.

Further, they have found that this kind of advertising not only "sells goods" but it builds up a reputation—the value of which is inestimable.

One of the measures which brought about this change in general advertising was the "censorship" which practically all standard publishers adopted. They "edit" their advertiser's copy, so-to-speak, and will not permit any

claims to be made which are not borne out by fact, and even some of these, if they cast reflection upon competitors, are not permitted.

You can't all have for sale "the best bred bull in the breed"—you can't all be the "leading breeder in the world" They can't all be "world famed sires" etc.

Don't you think it would be better to come down out of the clouds—out of this "haze of mist" which cannot have but one object—that of trying to "blind the buyer" but which in reality "confuses" and stays his action—makes him undecided and finally he backs out altogether.

Put yourself in his shoes. How would you feel about it? And the next time you write copy for your advertisement, forget all the old fallacies. Forget all about your competitors. Picture in your mind as best you can the man who is in the market for Holstein-Friesian stock and tell him your story about your offerings modestly, truthfully, clearly and completely and its "force" and "effect" will be far stronger and resultful than the hip-hip-hooray, boastful "best-in-the-world" ever proved to be.

Such advertising will not only sell the stock advertised, but it will sell it better, and best of all, build a business asset for you, the value of which will not be limited even to the value of the herd back of the advertising. It will be unlimited.

Apply the "golden rule" policy to your advertising and you won't go wrong. Never mind how the other fellow advertises. Make yours "ring with truth and conservatism" and you will find it pays far the best.

If you are offering $200 individuals don't try to make your advertising read as though it was $1,000 stuff. Remember, there are buyers for all classes. There are those who want $100 animals, $200, $300 and on up to $106,000 individuals.

Each class has plenty of prospects, excepting possibly the last mentioned. Go after your own class and you will not be wasting your time, effort or money on advertising space or literature, as you certainly are when your advertising says things "what ain't."

"A hint to the wise"—you know the rest. A. G. W.

Extracts from Prof. McCollum's Address

At the National Dairy Show, October 12, 1918

ORIENTALS and peoples of the tropics who use no milk are inferior to Europeans and Americans both physically and in respect to their mental development," said Dr. E. V. McCollum of Johns Hopkins University in his address at the National Dairy Show Saturday afternoon.

"It is impossible to make up a satisfactory diet out of such things as cereal grains together with tubers as potatoes, beets, and meats. You can have all those in a diet in the right proportion, therefore have any chemical composition you want, but they fail to promote satisfactory nutrition either to man or animal. The reason for this is three-fold, there is a poor mineral content, the proteins are of a poor quality, and the unknown substance called Fat Soluble A is lacking, and animals suffer. There are only two methods by which a satisfactory diet can be made up; one is by the use of the above together with a liberal amount of either milk or eggs, or the leafy vegetables such as spinach, cabbage, turnip leaves or other vegetables suitable for use as greens. In all groups of industrially employed peoples, there is a tendency to purchase for their food supply such foods as rice, rolled oats, potatoes, sweet potatoes, and meats. All peoples who are living on this type of diet tend to suffer from tuberculosis because their vitality is lowered by long continued use of a faulty diet and this pre-disposes them to tuberculosis.

There is a large group of people throughout the south who grow a cash crop such as cotton rather than engaging in diversified agriculture who use the same type of diet and thereby have their resistance lowered so that they become infected with pellagra, which has increased to an alarming extent in recent years.

Dr. J. Goldberg, of the Public Health Service in Washington has made a very careful and extensive study of the diet of pellagra. He finds that those who use a liberal amount of milk and some eggs do not suffer from pellagra.

The greatest factor in the cure of tuberculosis, once it is contracted is through proper hygienic treatment together with liberal feeding on a diet in which milk and eggs find a very conspicuous place.

There has been a great reduction in the use of dairy products in the United States during the last year, and this is a serious matter from the standpoint of public health. The use of milk has made us what we are. The keeping of dairy animals is the greatest single discovery in the history of human progress. The cost of production has so increased that the price must go up that the business may be profitable.

Every public spirited person should at this time make it his business to educate his acquaintances in the matter of using more of all kinds of dairy products in order to encourage an industry which is in great jeopardy.

How the Food Administration Regards Pure Bred Dairy Cattle

Editor Holstein-Friesian World:

The Food Administration, as you know, is very much interested in the subject of pure bred dairy cattle and in leaflets sent out for general circulation has gone on record, emphasizing the great value of milk as a food, especially in the diet of children where it is indispensable and is using every possible effort to maintain dairy herds.

The Food Administration of course recognizes in this connection the outstanding value of pure bred cattle. In certain countries, there have been developed as a result of processes of selection of many centuries, certain great breeds of pure bred cattle. We may reasonably expect to find within these breeds the most efficient producers of dairy products. Cattle of these breeds have been imported to this country and from the standpoint of production, have been highly developed here. We believe that the work done by the Breed and Record Associations, in promoting the development of these breeds of cattle in this country, has resulted in great good to the industry and to our people as a whole.

By Everett W. Smith, Education Division
U. S. FOOD ADMINISTRATION

Our Forty-Pound Cows

By CORP. WM. A. PRESCOTT

Editor's Note—This is one of a series of articles left "in the barrel" when the author enlisted for active service about sixteen months ago. The comparative statements of fact have been revised to date. "Bill" Prescott, by his inimitable style in composition when he entered the service of Uncle Sam, was right on the verge of becoming the most popular writer in the Holstein field. His many friends will be interested to learn that in his first turn in the trenches he won promotion to the rank of corporal.

XIII HESTER AALTJE KORNDYKE

NOT so many years ago, the men who predicted the coming of the 40-lb. record were considered either as incorrigible jokers or as hopeless visionaries. "He's a good speaker but how he does spread it on!" was a statement commonly made of these prophets. Finally in 1912, the 40-lb. cow came. She was followed so quickly by the 44-lb. cow that most of us immediately began to expect to see the mark raised still higher. A 4-yr-old heifer finally did it, but the 45-lb. goal was still over half a pound away. And then in the fall of 1916 appeared a 46-lb. cow! Not in a burst of wild enthusiasm, with fanfare of trumpets did she come, but quietly with no brag or bluster—so quietly indeed that with the exception of the Holstein journals and a few farm papers, no notice was taken of the astounding performance in the public press. But quietly and unassumingly she did it and Hester Aaltje Korndyke was crowned queen of the dairy world, the only 46-lb. cow. True she was beaten three times within the next half year, but that should not detract from the honor that is rightfully hers.

Altough treated here as No. 13, Hester Aaltje Korndyke was really the 12th 40-lb. cow. She crossed the 40-lb. mark just before Lady Perfection Korndyke did, but as Hester did not complete her 46-lb. record until 34 days after calving, I considered the Lady first in this series.

Under date of November 20, 1916, most of us received one of the little announcement cards from Supt. Gardner of the Advanced Registry Office, advising that Hester Aaltje Korndyke had produced in 7 consecutive days 576.5 lb. milk, containing 34.332 lb. butter fat or 42.92 lb. butter. This put her in third place for butter production, with only the two 44-lb. cows, Ormsby Jane Segis Aaggie and K. P. Pontiac Lass ahead of her.

The milk record, you will observe, is not particularly large—in fact it was the smallest milk record reported with any 40-lb. record at that time. But as the days went by, Hester seemed to begin to come to her milk. Heavier and heavier grew her yield and the increase was not accompanied by any falling off in fat. Her test even went up slightly and finally crossed the 6 per cent mark, until the world's record fell, and more than that, was beaten by a margin of over 2 lb.

Bellefourche, South Dakota, where all this took place, is so far from the busy marts of Holstein trade that no inkling of this reached the public, until a telegram came from M. J. Smiley, Hester's owner, advising our office that the 46-lb. cow was a reality.

Then came the report of the verification test, for you may be sure that no 46-lb. record could get by without being verified all over again. Hester was kept under constant watch for 24 hours, and was found to have produced 83.2 lb. milk, containing 4.733 lb. fat. Two new supervisors of test were thereupon appointed, who took over the testing, using a new box and a new lock, keeping the cow under constant watch for 48 hours, and taking samples for analysis of all food given. During the 48 hours, Hester Aaltje Korndyke produced 180.1 lb. milk, containing 17.119 lb. butter fat, which would be at a rate of about 48.65 lb. butter, for 7 days. Her figures as finally computed are:

Butter 7 days (3d Assn. Prize 1916)	46.79
Milk	621.10
Average fat	6.03
Butter 30 days (1st Assn. Prize 1916).	178.50
Milk	2567.70
Average fat	5.56

Her 7-day record, although a world's record when made, won only 3d prize for the year, as two other cows in the full-aged class surpassed her figures before the year was over. Her 30-day record, however, beat that of K. P. Pontiac Lass, and has thus far been exceeded only by Ormsby Jane Segis Aaggie and Fairview Korndyke Mata.

The champion's bill of fare consisted of a mixture of grain as follows:

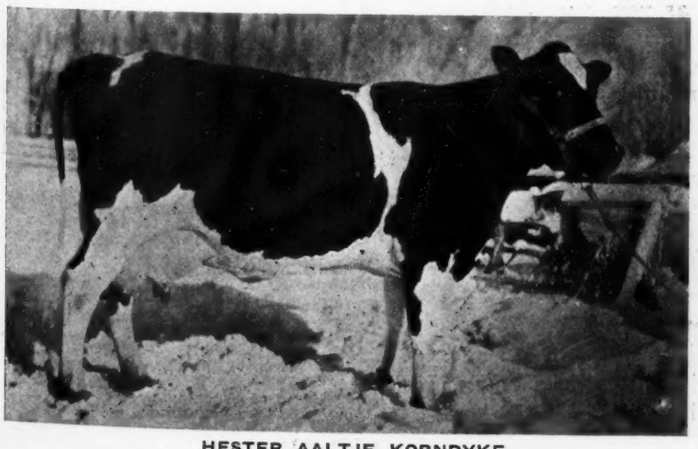
180 lb. ground oats, 60 lb. wheat bran, 40 lb. shorts, 40 lb. continental gluten, 40 lb. gluten meal, 40-lb. cottonseed meal, 40-lb. white cross mixed feed.

With each feeding 20 per cent oil meal was added, the whole amount of grain fed never exceeding 24 lb. She had plenty of beets and alfalfa hay—all she would eat—three times a day, with salt and running water always before her.

Concerning the individuality of Hester Aaltje Korndyke, I take the liberty of quoting from an article that appeared in the Black and White Record soon after the figures were first announced, an article the material for which Mr. E. A. Harrington, traveled some 1000 miles horizontally and several thousand feet vertically, to obtain.

"While not especially a show cow, she has has many good points, which could scarcely be improved. The udder is square and closely buckled up and we are informed that at no time was fever or cake present. The veins are not particularly long, but form a perfect network for some distance in front of the udder. Though large of frame, she is not at all inclined to beefiness and middle and heart girth appear to be of the best. An inclination to droop over the rump, which effect is further heightened by a somewhat high pelvic arch, is perhaps the only point upon which she might be seriously faulted." That she is worthy of her record was proven at the South Dakota State Fair last year when Judge Moscrip made her grand champion of the show.

Hester Aaltje Korndyke was bred by W. O. Wilcox, Pennellville, N. Y., who sold her to H. C. Glissmann, Omaha, Nebraska, Mr. Smiley discovered her here, and as he was



HESTER AALTJE KORNDYKE
The former world's champion and first 46-lb. cow.

just starting a herd of Holsteins, she was one of his first purchases. When she reached the age of 3 years 11 months she made a "farmer's record" of 18.16 lb. butter, 471.7 lb. milk, and the next year, although not officially tested for 7 days, she made a semi-official record in senior 4-year-old form of 717.53 lb. butter, 18819.3 lb. milk, which is a state record for South Dakota. Her big record, which gave her the world's championship came at the age of six years.

As a producer of stock, Hester Aaltje Korndyke is shown up very satisfactorily. Her first calf, a daughter, Hester Aaltje Korndyke 2d, also bred, developed and tested by Mr. Smiley, has the following records:

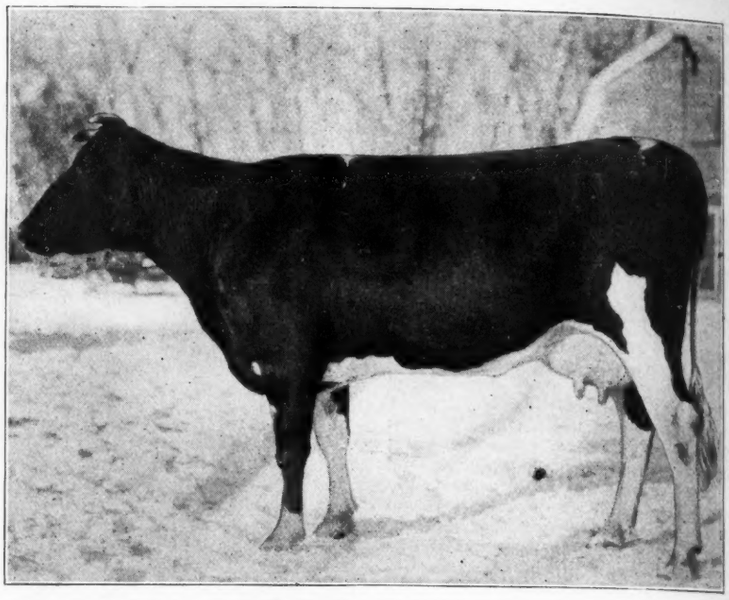
Butter 7 days at 3 yr. 22.88
Milk 484.4
Butter 1 year 817.85
Milk 17666.30

Her next daughter was Hester Korndyke Cornucopia, who made records of:

Butter 7 days 34.15
(5th place Assn. Prize List.)
Milk 518.90
Average fat 5.27
Butter 30 days 124.33
(2d place Assn. prize list.)
Milk 2162.60
Average fat 4.60

At the time she made her big record, Hester dropped her first son. This fellow, sired by Sir College Cornucopia 2d, who is from the former state champion, College Belle Wayne (35.38 lb.), giving the calf an average for dam and sire's dam of 41.09 lb. butter in 7 days, 162.2 lb. in 30 days.

Hester and her 3-year-old daughter for a time held the World's record for dam and daughter, with a combined production of 80.94 lb. in 7 days, or an average of close to 41 lb. each. She herself is a state champion in both short-time and long-time test, and has two daughters that hold state records, one for the year and one for seven and thirty days.



HESTER KORNDYKE CORNUCOPIA
A 34.14-lb. daughter of the first 46-lb. cow.

Pedigree of Hester Aaltje Korndyke, No. 133222. Born Feb. 16, 1910

Butter 7 days at 6 yr. 46.77
Milk 621.10
Butter 30 days 177.85
Milk 2578.90
Butter 7 days at 3½ y 18.16
Milk 471.70
Butter 365 days at 4½ y 717.53
Milk 18,819.30

2 A. R. O. daughters—
Hester Korndyke Cornucopia ..... 3½ y 34.14
Hester Aaltje Korndyke 2d—
Butter 7 days at 3 yr 22.88
Milk 484.40
Butter 8 mo. after calving 16.02
Milk 311.80
Butter 365 days 817.85
Milk 17,666.30

SIRE—

Aaltje Salo Mercedes De Kol Prince, 39357
41 A. R. O. daughters—
Hester Aaltje Korndyke 46.77
Butter 30 days 177.85
Butter 60 days 332.80
Pietertje Princess Leo 4th 27.74
Kiatta Mercedes ..... 3 y 26.49
Pietertje Princess Leo Aaltje 4½ y 25.28
Fairmount Kiatta Mercedes 24.93
15 others above 20 lb.
24 A. R. O. sons
24 producing daughters

Inka Clothilde Mercedes Prince, 32242
17 A. R. O. daughters—
Wimple Hartog De Kol .... 4 y 25.00
Butter 30 days 101.24
Narcissus Inka Clothilde 22.35
Dinah Pauline Clothilde 22.02
Hendrika Clothilde ..... 4 y 20.16
7 A. R. O. sons
One 46-lb. granddaughter.

Aaltje Salo Erna, 53933
At 4 yr 9 mo 26 days—
Butter 7 days 25.36
Milk 566.20
Butter 30 days 97.31
Milk 2246.00
One A. R. O. daughter.
One producing daughter.
One A. R. O. son.
One 46-lb. granddaughter.

Korndyke De Kol Artis Prince, 36422
8 A. R. O. daughters—
Carrie De Kol Korndyke 22.50
Milk 461.20
Princess of the Hills 2d 20.25
Lady Jane Artis De Kol 18.49
Milk 512.00
Black Betsy Artis De Kol
..... 4 y 18.45
One A. R. O. son.
2 producing daughters

Hettie Clothilde, 60111
3 A. R. O. daughters—
Sabra Hartog De Kol ..... 4 y 23.49
Milk 527.70
Black Betsy Artis De Kol .....4 y 18.45
Milk 442.30
One A. R. O. son.
2 producing daughters.

Canary Mercedes Johanna De Kol, 30251
16 A. R. O. daughters
5 above 30 lb.
9 A. R. O. sons
11 producing daughters

Inka Clothilde, 50275
Butter 7 days 25.27
Milk 526.00
3 A. R. O. daughters
2 with 22 and 25 lb.
2 A. R. O. sons

Prince Inka Pietertje De Kol 2d, 22699
30 A. R. O. daughters
8 from 20 to 27 lb.
12 A. R. O. sons
22 producing daughters

Aaltje Salo Princess 2d, 36464
3 A. R. O. daughters—
Aaltje Salo Erna .....4½ y 25.36
3 producing daughters

Korndyke Queen De Kol's Prince, 26025
88 A. R. O. daughters
4 from 30 to 35.42 lb.
36 others from 20 to 29.71 lb.
17 A. R. O. sons

Clothilde Artis Raphaella 2d, 43684
At 2 yr 11 days—
Butter 7 days 12.19
Milk 322.00
One A. R. O. daughter.
One A. R. O. son.

Clothilde De Witt, 22539
2 A. R. O. daughters—
Mechthilde Maid Clothilde 30.51
One A. R. O. son.
8 producing daughters

Rosa Marie of Woodlawn, 36994
One producing daughter.
Sister to Winsome Maid of Woodlawn (17.28 lb.)
A daughter of Blacky Scott.

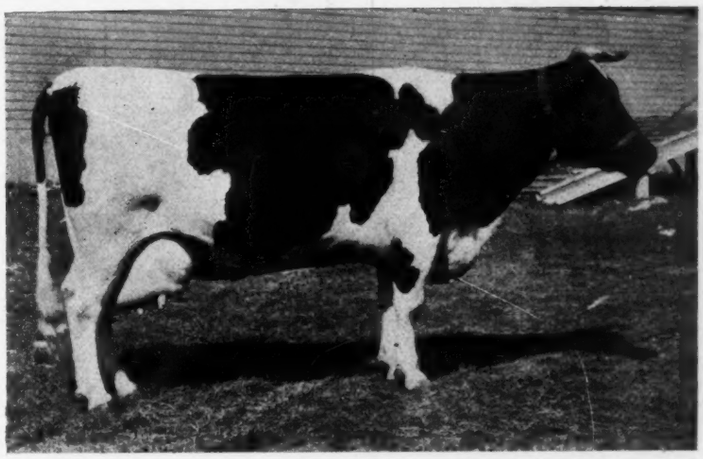
DAM—

Hester Korndyke De Kol, 99218
At 2yr 3 mo 21 days—
Butter 7 days 13.48
Milk 271.70
2 A. R. O. daughters—
Hester Aaltje Korndyke 46.77
Butter 30 days 177.85
Butter 60 days 332.80
Butter 365 days at 4½ yr 717.53
Milk 18,819.30
Caroline Korndyke De Kol ...4½ y 19.60
One producing daughter.

Picture Gallery

A High Class Individual and Producer

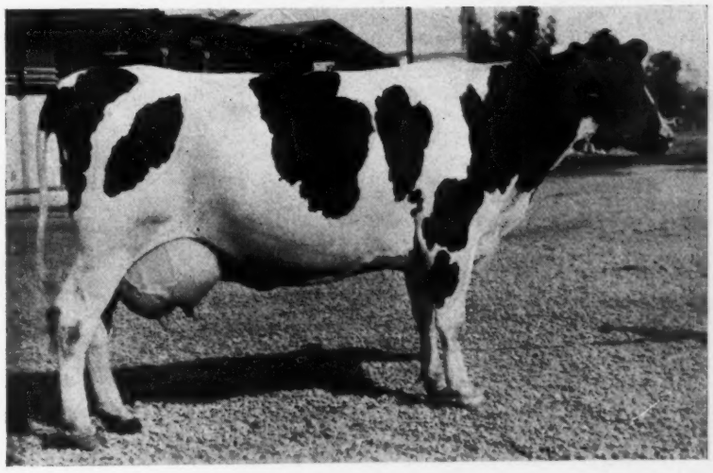
One of the typiest cows on exhibition at the recent Wisconsin State Fair was Jenny Segis De Kol Burke that won 2d prize in the aged cow class immediately after completing her record of 30.79-lb. butter. As a 5-yr-old she made 25.19-lb. butter in 7 days, completed a year record of 653.53-lb. butter from 16,125-lb. milk and came back this year with a 30-lb. record which speaks well for her ability. She is sired by Sir Urmagel Burke one of the good sons of De Kol Hengerveld Burke from Urmagelsche 2d A, a great foundation cow and 31-lb. daughter of Sir Clyde. She is now owned by Baird Brothers of Waukesha, Wisconsin.



JENNY SEGIS DE KOL BURKE

County Champion and Second Highest in State

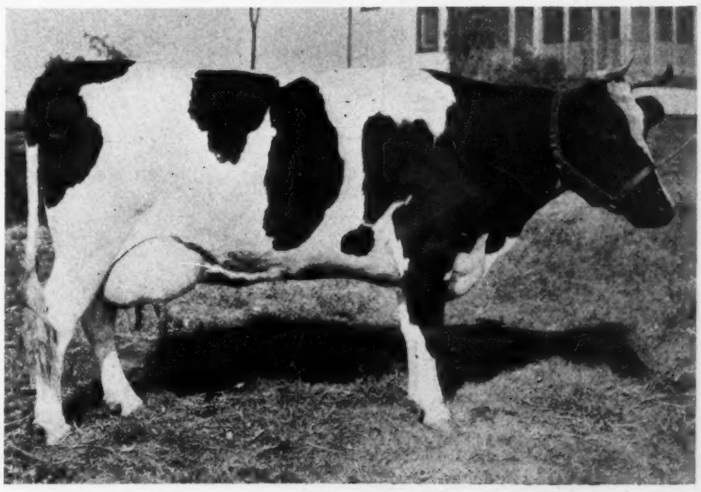
Waukesha County (Wis.) has found its champion producer and Wisconsin its second highest record cow in Lida Spofford Burke a half sister to Jenny Segis De Kol Burke (above) Lida has just completed a record of 35.78-lb. butter as a 6-yr-old. As a 4-yr-old without preparation she made 24.78-lb. butter, finished a year record of 694.1-lb. butter from 17,706-lb. milk and comes back with this splendid showing. She is also a daughter of Sir Urmagel Burke and with her sisters are the first two 30-lb. cows developed in Wisconsin since the close of the fiscal year. She is also owned by Baird Brothers of Wisconsin.



LIDA SPOFFORD BURKE

Grand Champion at Fresno, Calif.

One of the successful winners on the California Circuit the past season was Model Bonnie Echo a daughter of Annie De Kol Lakeside Model with a record of 23.32-lb. Shown at the California State fair she was placed second and won the same position in the three day butter fat contest. At Fresno District Fair she was first prize cow, senior and grand champion. She enjoys particular prominence through her sire who is a son of Annie DeKol Butter Girl, one of the best known cows of the east and a show cow of rare merit, herself a 31-lb. cow and dam of a 31-lb. daughter that is a full sister to the sire of Model Bonnie Echo. This cow was exhibited and is now owned by W. J. Higdon, of Tulare, California.



MODEL BONNIE ECHO

Published every week by Holstein-Friesian World, Inc. Application made at the Lacona, N. Y., postoffice for entry as second class matter.

M. S. PRESCOTT, Editor.
F. T. PRICE, Business Manager and Associate Editor.
P. B. MISNER, Associate Editor.
Business and Editorial Offices, Syracuse, N. Y.

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All matter for publication in any issue must be received 10 days preceding the date of issue, which is Saturday.
Address all correspondence to Holstein-Friesian World, Syracuse, New York.

NOVEMBER 2, 1918

Food Depends on Machinery

WANTON waste of foodstuffs would soon bring the offender within the clutches of the law and public opinion would give its enthusiastic support. We are led to wonder however, if waste of the actual foodstuff is any more reprehensible than deliberate or careless action resulting in decreased efficiency for the machinery of production, that is bringing about a material lowering in the amount of food possible to produce. It is always a matter of serious concern this wasting of farm machinery to exposure of the weather. In far too many cases we see the haying tools and harvesting machinery left in the lot for months after the work is completed. Some times even staying right on the job until the harvest time the next season. This practice has always been an unwarranted economic waste, but now under war conditions it is almost criminal. It goes without saying that such exposure to the element lowers the efficiency of every complicated piece of machinery subject to such care. Think of the result in terms of lowered food production from those machines during the period before they are discarded and in terms of shortage and high cost of materials and labor when they finally have to be replaced. The New York Food Administration calls attention to the fact that the nations which entered the war earlier than the United States fully realize the importance of putting farm implements to the best possible use, in addition to conserving the present supply. In Italy the minister of agriculture is authorized to requisition for the period of the war and for the crop year following the declaration of peace, all agricultural machinery and the materials necessary for crop production. Of course we shall come to no such task in this country; but the obligation rests none the less securely on every food producer to take the best possible care of every piece of machinery composing his equipment. By providing a tool and machine shed of adequate size and conveniently located much of the temptation to leave the implements in the field or in the yard is done away with. Such a shed has always been a splendid investment for the farmer. Under present conditions it ranks in the class with Liberty Bonds.

Canadian Year Book, Volume Seven

WE acknowledge with thanks a copy of Vol. 7 of the Canadian Holstein-Friesian year book, and we are glad to note that this volume shows a substantial increase in size of those of succeeding years, also in completeness and general quality of the work. Most important of all it carries to Holstein breeders a message of progress as shown by the record of actual accomplishment that cannot fail to serve as encouragement to breeders on both sides of the line. Briefly the volume consists of a complete statement of the rules governing admittance to Records of Merit which corresponds to our Advanced Register in the short-time division. This is followed by a list of the records admitted for entry in the Record of Merit for May 1, 1917 to April 30, 1918. This list requiring twenty-six pages, with an extra page for bulls entered in Record of Merit during this period. Then follows a list of the six highest butter records of the seven and thirty-day divisions for each of the seven classes up to April 30, 1918. It is interesting to note that the leaders for butter production in the mature class have milk records averaging 722.8 lb., four of the number being above 700 lb. in seven days. The six thirty-day leaders in the same class include four with records above 3100 lb. of milk, the six averaging 306.19 lb. In the eight months after calving division the class champions are listed, then come three interesting tables, first a list of the ninety-nine cows that have produced above 24 lb. of fat in seven days, also the fifty-three cows that have better than 96 lb. fat in 30 days and the ninety-seven cows that have produced better than one hundred pounds milk in one day either in Record of Merit test or Fair Ground Test, the leader, of course, is May Echo Sylvia who has been approached by no other cow in the world. The next section of the introduction devoted to the Canadian Record of Performance which corresponds to our yearly division. Prominent among the regulations is one providing that every cow accepted for Record of Performance shall drop a calf within fifteen months after the commencement of the test. This regulation should be given due consideration in comparing the year record with the American record which has no calving requirements. Following a list of the records admitted to Record of Performance during the past official year and a list of the standard bulls in this division comes a list of the six leaders in each class of the semi-official division. This introductory information is rounded out by a list of the 20,000-lb. cows which are qualified in the Record of Performance up to April 30, 1918. This list is headed by Vesta whose figures are 27,128 lb. milk. These figures do not take into account four records which are listed as having been made under official supervision these being headed by Zarilda Clothilde 3d De Kol whose strictly official record of 30,467 lb. milk is the largest ever made under this form of test in either Canada or the States. Madam Posch Pauline also comes in this class with 27,597.4 lb. and two three-year-olds each above 24,000 lb. All four animals producing above 1000 lb. butter. Two records are given as having been made in American semi-official test, these being the 29,000-lb. cow Rauwerd Count De Kol Lady Pauline and the four-year-old Posch Pontiac Artis.

The balance of the book, over six hundred pages, is devoted to a list of the sires and dams of one or more official and semi-official record cows. A complete list of such daughters together with the producing sons of each, an improvement over previous volumes is noted in that the official and semi-official record daughters are listed together under one alphabetical list whereas in previous volumes the record of merit and record of performance were listed separately. The new arrangement makes the book much more convenient for quick reference.

We have no information as to the size of the edition which has been printed or the price at which it is being sold, but we feel safe in saying that the cost is but a small fraction of its value to every breeder of Holsteins. We know that it is a work that receives constant use in our own library and with the closer relation existing between the Canadian Association our breeders on this side will find more need of such a volume than has ever been the case in the past. Orders can be sent direct to the secretary, W. A. Clemons, St. George, Ont.

The Holstein Gets the Kaiser's Goat

THE purebred Holstein cow is the kind that gets the Kaiser's goat. Think of that two-year-old heifer up at Hackney's that gave over twelve and a half tons of milk in one year from which over a thousand pounds of butter was made! That's milk enough to supply a good sized squad of "moppers up," those lads that go into trenches and dug-outs and clean up the remaining Huns, with two quarts of liquid life for 365 days of a year. And a thousand pounds of butter. Think of the "pep" that will put into a gun crew on one of Uncle Sam's destroyers!

The Extension Department of the Association says that Jewel Pontiac Segis and Beauty Beets Walker Segis "kicked the Kaiser" when they made such records. McCollum says that we are a strong and virile nation because we drink milk. If every dairy cow in the United States were a pure-bred Holstein, and even kept within hailing distance of these two heifers of Hackney's in point of production, and if we drank the milk they gave, we would lick the Kaiser's whole crew with one half the men we have over there right now, and we'll do it anyway if we ever catch up to them.

"Service in Holstein News and Advertising"

An Announcement Concerning Holstein Advertising

To the breeder of pure bred Holsteins nothing is more important than his advertising.

It is the foundation of his selling department. It renders available in the form of cash his entire effort as a breeder. Its importance reaches beyond a mere expenditure for printer's ink for that alone will not bring him success.

It is effective advertising that insures success — advertising that overcomes the handicaps of distance and impersonality and convinces the would-be buyer of the desirability of the advertiser's offerings.

What therefore is more important than advertising of the right kind?

A man can spend huge sums for advertising space and fail to get adequate returns simply because he does not make the right appeal to his market. He can scatter here and there advertising appropriations that return him little or nothing because his advertising efforts are not correlated—are not rendered effective through the cooperative effort that results from an intensive study of his advertising needs and an analysis of his market's possibilities.

It is because we realize that advertising is being misapplied that the World has been impelled to establish an Advertising Service Department for the purpose of rendering effective aid in all matters of Holstein publicity. This department has made an intensive study of the art of livestock advertising particularly as it applies to the marketing of pure bred Holsteins. It has engaged artists and copy writers who know how to write and illustrate advertising copy that will appeal to the men an advertiser should reach. Recognizing as necessary a thorough knowledge of Holstein pedigrees and a comprehensive study of Holstein markets generally the World has engaged only such men as combine in the highest degree possible these essentials with the ability to sell their subject through the medium of the printed message.

As far as it applies to advertising in the World this service, of course, is without charge.

But we want to carry this important work farther—to make it applicable to Holstein breeders' entire advertising expenditures. We want an opportunity to apply this service to each advertiser's entire problem.

Therefore we announce that, effective immediately, the service of the World Advertising Service department is available to those breeders who find it desirable to supplement their regular advertising in the World with special campaigns or with publicity in mediums of more general circulation.

This advertising service embraces in addition to the outlining of campaigns and the preparation of copy, such service is a study of each client's particular sales problems and a complete organization of a sales department and follow-up system to supplement the advertising effort.

We should deem it a favor to be permitted to tell more about the value to you of such a service. There will be no charge for our advice, for in proportion as we increase the effectiveness of every advertiser's Holstein publicity just so much do we gain the assurance of that advertiser's good will and continued support. In other words if World Advertising Service will insure satisfaction with Holstein advertising its cost to us will be repaid in the protection it gives our business.

Do not lay this magazine aside until you have found out more about World Advertising Service. It can help you no matter how large or how small your business or how satisfied you may be with your present situation. Write us today.

WORLD ADVERTISING SERVICE

F. T. Price
Business Manager

Holstein-Friesian World
Syracuse, N. Y.

NEWS OF THE TRADE

PIONEER OKLAHOMA DAIRYMAN AT SHOW

A prominent figure at the Second National Dairymen's Sale at Columbus and during the Holstein judging at the National Dairy Show was William H. Byron of Bartlesville, Okla. Mr. Byron is the pioneer dairyman of Washington County, Oklahoma, because it was he who first conceived the idea that Washington County could raise pure-bred stock as well as any section of the country. Several years ago he purchased a farm near Bartlesville and equipped it with a herd of as fine pure-bred Holstein cattle as he could find. His foundation animals were purchased from R. E. Haeger, Algonquin, Ill., and Senator A. T. Fancher of Salamanca, N. Y. These purchases gave him perhaps the largest and most valuable herd in the State. Other dairymen in that locality were quick to see the advantage of the kind of stock Mr. Byron had selected and today there are close to two dozen other herds of pure bred dairy cattle in the county. Mr. Byron has sold his dairy farm at Bartlesville to D. R. Travis, of Kansas City who expects to carry on the Holstein-Friesian operations with a larger number of cattle. Mr. Travis is an experienced cattle raiser and expects to make this dairy farm one of the best and largest in the Southwest. Mr. Byron does not expect to stay out of the business permanently; but will be heard from further as a Holstein breeder. His picture appeared in the World recently in connection with the photograph of Minerva Beets, the Grand Champion at the National Dairy Show.

HOLSTEINS PREDOMINATE IN WISCONSIN REPORTS

The summary of production for September in the Cow Testing Associations of Wisconsin shows that Holsteins either pure bred or grade led in fifteen different associations. Guernseys come next with eight to their credit, while pure bred and grade Jerseys led in two of the Associations. While the high cow for the month was a Jersey, the Holstein leaders showed as many cows producing above sixty pounds of fat as all other breeds combined.

BUTH BROS. BUY EIGHT HEAD

C. W. Wilson, Mason, Mich., report the recent sale of eight head of choice cows and heifers to Buth Bros., of Grand Rapids, Mich. Mr. Wilson is using in his herd a son of a 21-lb. two-year-old sired by a 38-lb. three-year-old. The sire being Buth Bros. well known son Finderne Alexis Pontiac whose dam is a 38-lb. three-year-old daughter of Gordon Glen Pontiac, the next dam being a 32-lb. former World's Champion ten-year-old cow. The dam of Mr. Wilson's bull is expected to make a substantial increase in her record as she develops.

HOLSTEIN BUTTER WINS AT THE NATIONAL

In the class for dairy butter at the National Dairy Show the Gold Medal was awarded to Athens State Hospital, Athens, Ohio. The herd at this hospital is composed of pure bred Holsteins, having records up to nearly 38 lbs. butter in seven day official test.

A SATISFACTORY SALE IN MINNESOTA

At a public auction September 28 L. F. Perkins of Parkers Prairie sold a bunch of pure bred and grade Holstein cows. The pure breds bringing an average of $225 per head and the grades $150. The dairy industry is growing rapidly in this section of Minnesota.

WILCO FARMS MAKE GOOD SHOWING AT NATIONAL

In the class for certified milk at the National Dairymen's Show Wilco Farms of Willisville, Ill., won the silver medal on their products which scored at 97.4, the gold medal being awarded to the National Correspondence School at Scranton, Pa., was 97.8. Wilco Farms were also awarded a barn medal in the State competition with the highest score from the State of Illinois. These people were also the heaviest purchasers at the second National Dairymen's Sale held at Columbus during the National Dairy Show. They are laying the foundation for a herd of Holsteins that will not only be one of the largest in the world but one of the highest in respect to quality. They already have about five hundred fifty head of Holsteins and Guernseys.

WASHINGTON STATE PEN. MAKES GREAT SHOWING

In the report of the Walla Walla Valley Cow-Testing Association during September the report of William Dawson, Tester, shows that out of the twenty-nine cows producing above forty pounds of butter fat in a month, nineteen or practically one-half were members of the Holstein herd of Washington State Penitentiary. This herd included two of the three cows producing 60 lbs. of butter fat and four of the eight going above the fifty pound mark. The entire herd of sixty head in all stages of the lactation period averaged 880 lb. milk and 34.1 lb. fat. This butter fat average was exceeded by two-tenths of a pound by a Jersey herd composed of only eight cows. The milk production of this small herd, however, fell short some 245 lb. per cow.

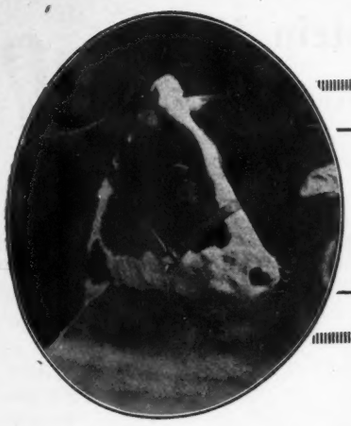
GUARD MILK FOR NAVAL CADETS

The quality of the milk furnished for the use of the future naval officers of the United States Navy at Annapolis is being closely guarded. Representatives of the Dairy Division of the United States Department of Agriculture make monthly visits to the United States Naval Academy dairy at Gambrills, Md., and on each visit the dairy is scored and the bacterial count is taken of a number of samples of milk and recommendations for improvement are made. There are in this dairy about 200 grade Holstein cows.

MORE BIG RECORDS IN PROGRESS AT ARDEN FARMS

At Arden Farms, St. Paul, Minn., they are running a dozen cows in semi-official test, and the September report as furnished by the Advanced Registry Office discloses a remarkable string of records in progress. The report for this month is headed by the world famous heifers, Beauty Beets Walker Segis and Jewel Pontiac Segis, whose records are now finished and were reported in the World last week. It will be noted that the third highest record in the list is that of Beauty Beets Walker dam of the sensational two-year-old, who has in nine and one-half months over 20,000 lbs. milk and about 840 lbs. butter. Lola Pontiac Segis the American Champion four-year-old in short time test for milk production, has in five months 526.26 lb. butter 13150.00 lb. milk. Veeman Grace Piebe, a two-year-old daughter of the junior herd sire, Piebe Laura Ollie Homestead King, in eight months has 604 lb. butter 15,690 lb. milk. Following is the complete list with the production for the month, and total to October 1.

Name and number	Days in Test	Lbs. Milk	Lbs. Butter	Total to Oct. 1st. Milk	Total to Oct. 1st. Butter
Beauty Beets Walker Segis 290163	353	1677.1	56.18	24,663.2	1018.78
Jewel Pontiac Segis 229261	350	1673.5	67.57	26,319.2	1169.45
Beauty Beets Walker 202817	287	1712.4	64.64	20,437.7	839.91
Princess Gisella Walker 202820	248	1492.4	58.20	16,776.3	692.81
Veeman Grace Piebe 300042	243	1653.9	54.78	15,690.0	604.48
Changeling Segis 283164	210	1512.3	56.71	12,145.0	502.78
Oak De Kol Segis 242104	192	1901.5	58.47	13,207.9	464.00
Princess Veeman Segis P. 283162	191	1621.8	61.02	11,890.5	490.75
Beauty Beets Segis 242108	184	1657.5	62.91	12,419.0	493.20
Lola Pontiac Segis 239069	155	2182.7	84.03	13,153.3	526.82
Eureka Burton De Kol 109270	141	1770.7	59.76	9,896.8	362.47
Eureka Corabel Burton 122639	102	2022.4	75.59	7,506.5	277.70



News of the Show Ring

A BEAUTIFUL HOLSTEIN HERD

In connection with the department in the World, "News of the Show Ring," we are using an oval illustration showing a remarkably handsome Holstein head. World readers who have admired the strong muzzle with full open nostrils, the large, expressive, intelligent eye, the daintily curving horn, the dishing forehead, the clean cut chop and the general air of quality and breeding, will be interested to note that this is the head of Pelagie Wayne Rag Apple King, the first prize yearling heifer at Minnesota State Fair this year and likewise Grand Champion of the show. She is a granddaughter of Colantha Johanna Lad, and is owned by V. S. Culver, Stillwater, Minn.

HOLSTEINS AT MARYLAND STATE FAIR

At Maryland State Fair, Sept. 2-7, 1918, four exhibitors brought out Holstein cattle and each one of the four won at least one first premium. John M. Dennis, of Lutherville, Md., was most successful with eleven first premiums, Davis Bros. of Seven Valleys, Pa., taking three first premiums, Brooklandwood Farm of Lutherville and J. F. Lups, of Sparks, Md., taking one each. Dennis was particularly strong in female and group classes, winning first, second and third in the class for aged cows, first and third in the three-year-old class, first and second in the two-year-old class, first and third in the yearling class and first and second in the senior calf class, losing out for first place only in junior heifer calf class, but winning second in this class. He also won every first prize in the groups including exhibitors herd, breeders young herd, calf herd, get of sire, produce of dam and four best cows in milk, winning the first and second in the latter important class. This herd is under the management of Homer Dunham and the results speak well for his care and handling. Lups' entry in the aged bull class, King Clorinda Bacon De Kol, was first, while Davis Bros.' King Pietertje Butter Cup 2d, took first in the two-year-old class. Brooklandwood Farms took first and third in the class for yearling bulls on Brooklandwood King Pontiac and Brooklandwood King Segis Alcartra, bulls combining pedigree with their individual quality. Davis Bros. took first and third in the bull calf class. Following is a detailed list of the awards as furnished by the secretary of the fair:

Bull, 3 years and over—1, King Clorinda Bacon De Kol, Lups; 2, Arcady Segis Hengerveld Wayne, Dennis; 3, L. H. C. Paul Alcartra, Davis Bros..

Bull 2 years—1, King Pietertje Butter Cup 2d, Davis Bros.

Bull 1 year—1, Brooklandwood King Pontiac, Brooklandwood Farms; 2, King Pontiac Netherland Pershing, Dennis; 3, Brooklandwood King Segis Alcartra, Brooklandwood Farms.

Bull under one year—1, Davis Bros.; 2, S. X. Pontiac Segis Lass, Dennis; 3, Davis Bros.

Cow 4 years and over—1, Inka Rose De Kol Hartog, Dennis; 2, Queen Zama Burke, Davis Bros.; 3, Matilda Pauline Korndyke 2d, Dennis.

Heifer 2 years old—1, Carlisle Lady Artis, Dennis; 2, Carlisle Bertha De Kol, Dennis; 3, Johanna Colantha Aaggie Queen, Davis Bros.

Heifer, 1 year—1, S. X. Pontiac Alcartra Lass, Dennis; 2, Johanna De Kol Netherland Queen, Davis Bros.; 3, S. X. Inka De Kol, Dennis.

Senior calf—1, S. X. Segis Hengerveld Maid, Dennis; 2, S. X. Segis Hendrick, Dennis; 3, Davis Bros.

Junior heifer—1, Davis Bros.; 2, Dennis; 3, Davis Bros.

Exhibitors herd—1, Arcady Segis Hengerveld Wayne, Dennis, Inka Rose De Kol Hartog, Carlisle Lady Artis, S. X. Pontiac Alcartra Lass, S. X. Segis Hengerveld Maid; 2, L. H. C. Paul Alcartra, Davis Bros., Johanna Hengerveld Davisdale, Mary Queen Hengerveld, Johanna De Kol Netherland Queen (sire L. H. C. Paul Alcartra). (Dam Parthenea Paul De Kol Lillie.)

Breeders young herd—1, J. M. Dennis; 2, Davis Bros.

Calf herd—1, Dennis; 2, Davis Bros.

Get of sire—1, Get of Arcady Segis Hengerveld Wayne, Dennis; 2, Get of L. H. C. Paul Alcartra, Davis Bros.

1. Produce of Violet Hendrik 4th, Davis; 2, Produce of Johanna Colantha Aaggie De Kol, Davis Bros.

Four best cows in milk—1, Dennis; 2, Dennis; 3, Davis Bros.

HOLSTEINS AT THE TRI-STATE FAIR

Memphis, Tenn., Sept. 21-28.

Holstein classes at the Tri-State Fair were reasonably well filled by the exhibits from eight different herds, all of which were from Tenn. with the exception of The Zeldenrust Herd from Indiana and the Clermont Holstein Co. from Bethel, Ohio. The herd from Newsum Farms at Memphis captured a number of the first prizes as well as four of the six championships. The Zeldenrust Herd also made a splendid showing, winning two of the championships as well as all of the herd prizes. First prize aged bull was Paul Calamo Korndyke 14th, a son of the great show bull Paul Calamo Korndyke. Prof. Hugh G. Van Pelt placed the awards as follows:

Exhibitors—Zelden Rust Farm, Indianapolis, Ind.; Clermont Holstein Breeders Co., Bethel, Ohio; E. F. Perry, Memphis, Tenn.; G. T. Banks, Raines, Tenn.; Silleba Farms, Capleville, Tenn.; Newsum Farms, Memphis, Tenn.; S. E. Kidd, Buntyn, Tenn.; C. N. Cooper, Brownsville, Tenn.

3-year-old bull—Newsum, 1st, Paul Kalamo Korndyke 14th 113880. E. F. Perry 2d, Ollie Vaughn 169439. Zelden Rust 3d, It Mona Pontiac 154066. Banks 4th, Sir Ormsby Hengerveld De Kol 5th 53486. Silleba Farm 5th, Roberts Pontiac Korndyke Ormsby 169973.

2-year-old bull—Peek 1st, Sir Beechwood De Kol 189157.

Senior yearling bull—Perry 1st, Confidence Lad De Kol.

Jr. yearling bull—Newsum 1st, King Viola Korndyke 216863.

Sr. bull calf—Newsum 1st and 2, Butter Boy King of Valley Vient 229853 and Southland Sir Shuleydale. Silleba 3d, Silleba Korndyke De Kol 225883. Cooper 4th, Alcartra Sir Mechthilde 242243. Zelden Rust 5th, Zeldenrust Butter Boy Pontiac 238300.

Jr. bull calf—Zelden Rust 1st, Zeldenrust Zur Pontiac 238301. Cooper 2d, Kaintucker Pontiac Korndyke 243741. Peek 3d. Silleba 4th, Silleba's Pontiac Korndyke Ormsby. G. T. Banks 5th.

3-year-old cow—Newsum 1st, Viola Netherland De Kol Piebe 95761. Zelden Rust 2d, Zeldenrust Butler Boy Hengerveld 273231. Perry 3d, Daisy Johanna Vaughn 195128. Silleba 4th, Campus Josephine Alpha 245792. Cooper 5th, Sun Laun Korndyke Reb 192176.

2-year-old heifer—Perry 1st, Daisy Buttergirl Dehaven 338367, Zelden Rust 2d, Arber Lawn Albina Daisy 333733, Banks 3d, Canary Fobes Tatty De Kol 357171. Cooper 4th, Jennie Neth Pontiac 344050.

Sr. yearling heifer—Zelden Rust 1st, Zeldenrust Colanthus Segis 357508.

Jr. yearling heifer—Zelden Rust 1st and 2d, Zeldenrust Jo-338367. Zelden Rust 2d, Arber Lawn Albina Daisy 333733. Banks 3d, Pioneer Oaks Maggrath 422474.

Senior heifer calf—Zelden Rust 1st, 4th and 5th, Segis Pontiac Mona 424590, Hengerveld Pontiac Mona 424592, Zeldenrust Pontiac Mona 438560. Silleba 2d, Silleba Carlotta Bessie 412148. Perry 3d, Lady Ringleader Dehaan.

Jr. heifer calf—Zelden Rust 1st, Zeldenrust Prince Segis 424594. Banks 2d. Perry 3d, Kittie Clyde Chaggie Dehaan. Newsum 4th and 5th, Southland Viola De Kol and Southland Shuleydale De Kol.

Sr. Champion bull—Newsum Farm, Paul Calamo Klondyke 4th.

Champion Jr. Bull—Newsum Farm, Butter Boy King of Valley Vient.

Grand champion bull—Newsum Farm, Paul Calamo Korndyke 14th.

Sr. Champion cow—Newsum Farm, Viola Netherland De Kol Piebe.

Jr. champion heifer—Zelden Rust, Zeldenrust Prince Segis.

Grand champion female—Zelden Rust, Zeldenrust Princess Segis 2d.

Aged herd—Zelden Rust 1st and Banks 2d.

Young herd—Zelden Rust 1st.

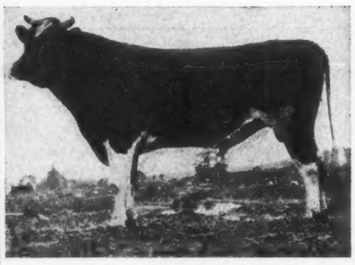
Calf herd—Zelden Rust 1st and 2d, Newsum 3d.

Get of sire—Zelden Rust 1st, Perry 2d.

Produce of cow—Perry 1st and 4th, Zelden Rust 2d, Newsum 3d.

Sons of this

44-Lb. Bull For Sale



King Korndyke Pontiac Lass

A $10,000 son of K. P. Pontiac Lass, the first 44-lb. cow of the breed. Their dams are heavy producing cows and just the sort you want as the dam of your next herd bull.

REMEMBER — Every one of these youngsters has a 44-lb. grandam.

IOWA BELLE HERD

C. S. MULKS, Prop

Riceville Iowa

Can also sell a few young A. R. A. cows safely in calf to King

California Holstein Notes

TILLY AND RAPHAELLA HAVING GREAT RACE

Though Frank L. Morris is a very conservative young man, Tilly Alcartra, the world-famous Holstein cow, has reached a stage in her record-breaking year's test where he feels safe in saying: "It looks as if nothing could stop her."

In about the same frame of mind is Owen Duffy, General Manager of Napa State Hospital, with regard to the other remarkable California cow, Raphaella Johanna Aaggie III, also on a record-breaking yearly test. She is on strictly official test so that if Tilly beats her, she still will have a chance to hold the strictly official world's record for milk production.

Tilly has a good lead over Raphaella at this time, but both cows have wonderful records, and now they are on the last lap of their tests. Tilly has been milking nine months and ten days, at the time this is written. She will finish January 6th, 1918 and is due to calve about April 1st.

For nine months she has 26,659.6 pounds of milk and 859.10 pounds of fat or 1073.90 pounds of butter. At present she is averaging 80 pounds or better daily of milk. She has a little more than 2700 pounds on her world's record year up to this time and is still gaining.

As to Raphaella, I have her record for 261 days, which is a little more than eight and a half months. During that time she has produced 24,464.6 pounds of milk and 664.236 pounds of butterfat. She has averaged, for her entire test, 93.7 pounds of milk and 2.545 pounds of fat daily. I saw Raphaella at the Napa Hospital a few days ago and she appeared in excellent shape to finish her test with a flourish.

J. M. Campbell of Escalon enjoyed the pleasure of seeling his first consignment to an auction sale go at the top price October 10th, when the third annual Modesto Sale was held under the auspices of the California Breeders Sales and Pedigree Company.

The price was $675 and was paid for Potki Johanna II, an eight-year-old cow. She went to the Lewis Company of San Jose. Sir Chimacum Wayne Woodcrest, the herd sire of Luther Thompson of Modesto, was bought by R. L. Holmes of Modesto for $685.

For the fifty animals offered a total of $10,520 was realized, an average of $210. The average for mature cows was $285 and for bulls and bull calves was $213.

A gratifying feature of the sale was the fact that the animals offered were widely scattered among buyers. The list of purchasers includes the following:

W. B. Atterbury of Crows Landing, George Kounias of Modesto. Walter Adams of Modesto, G. T. Allen of Snelling, S. C. Dyer of Dos Palos, H. A. DeWolfe of Ripon, H. P. Dwight of Merced, Edward Brothers of Ripon, Levi French of Oakdale, Gotshall & Magruder of Ripon, James Hansen of Newman, E. J. Kelleran of Modesto, E. J. Kirkle of Modesto, J. W. Loomis of Modesto, Mrs. Ada Moll of Escalon, M. H. Newborn of Manteca, E. Maracini of Dos Palos, F. Makinson of Modesto, J. J. Nichols of Pine Grove, A. A. Pearson of Patterson, E. Peterposten of Hughson, J. C. Ramsey of Escalon, E. Solomon of Modesto, D. Sallfield of Stockton, John Self of Williams, J. D. Vlack of Modesto, H. E. Vogle of Fresno and A. Walts of Modesto.

The bull Dutchland Aaggie's Lucky Guess, sired by Dutchland Sir Pietertje Hengerveld, was sold recently by S. J. Strauss of Modesto, acting for F. A. Heroux of Oakland, to C. L. Morse of Modesto. The young bull was shown on the California circuit last year and was first at Sacramento, at Hanford, at Fresno and in the California Land Show at San Francisco.

R. E. J

GREAT PETER

A son of a 42-lb. cow and full brother to two 42-lb. cows.

His sons carry 50% of the same blood as the only 42-lb. 2-yr-old.

SUSQUEHANNA FARMS

Lee Kinne, Owner

HARTWICK SEMINARY, NEW YORK

It Costs You Money to Be Without This Machine

IT milks your cows faster than can possibly be done by hand. It enables a boy or girl to do the milking while you and your hired help devote your attention to other work.

It generally increases the milk flow, lessens teat and udder trouble and reduces bacteria count. It saves money for you twice a day—365 days in the year and helps you solve the labor problem.

It is used on prize winning herds of every breed. Leading breeders look upon it as the recognized standard among all milking machines. It is the only milking machine with the Super-Simple Pulsator—the pulsator without a piston.

Pistons wear and leak vacuum resulting in uneven teat cup action, irritated cows and reduced milk flow. The action of Empire Super-Simple Pulsator is *always* uniform. This soothes and quiets the cows and they let down their milk more freely.

Every day you "get along" without an Empire you are positively losing money. Our catalog No. 16B proves this beyond a shadow of doubt. Send for a copy. Ask for name of nearest dealer. Get a demonstration. Write now.

Empire Cream Separator Co.
Bloomfield, New Jersey
Chicago, Ill. Denver, Colo. Montreal and Toronto, Can.
Also manufacturers of Empire Cream Separators, Gasoline Engines and Farm Electric Plants

This book points the way to greater dairy profits. Send for a copy.

EMPIRE
MILKING MACHINES

DOUBLE DISPERSAL SALE

80 Head — 80 Head

Fair Grounds

Owensville, Ohio, November 20

CLERMONT HOLSTEIN BREEDERS CO., Inc., Bethel, O.

Premier Show Herd of Ohio, W. Va., Ky., and Tenn., 1918

R. E. HEAD, Batavia, Ohio

An Association Prize Winning Producing Herd

75 females will be sold, practically every one of whom has an A.R.O. record up to 29.87 lbs. or is out of an A. R. O. dam, a number have good semi-official records.

45 cows and heifers of milking age will be sold, all of whom are bred to the following bulls who are to be sold.

Johanna Clothilde Champion 183398, the **highest record bull Wisconsin ever produced,** out of the present Wisconsin State champion cow, 36.36 lbs. sire's dam Colantha 4th's Johanna 35.22 lbs.

Lord Segis Pontiac 200253. A son of **Countess Segis** 31.70 lbs. a **world record** daughter of **King Segis**, sire's dam **Pontiac Artis** 31.71 lbs. 3 world records.

The premier exhibitors herd Ohio, W. Va., Ky. and Tenn. State Fairs 1918 will be sold.

Every animal has been selected for individuality, production, and especially size, two of the cows having weighed over 2000 lbs. each. Others are proportionately large.

All over six months of age are tuberculin tested, and are sold on 60-day retest guarantee.

Owensville is on C. & C. traction, 25 miles east of Cincinnati and four miles from **Batavia, O.,** where all trains on N. & W. R. R. will be met by autos. Sale begins at 10 a. m. under cover.

Write at once for catalog to

CLERMONT HOLSTEIN BREEDERS CO.

Bethel, Ohio **or R. E. HEAD, Batavia, Ohio**

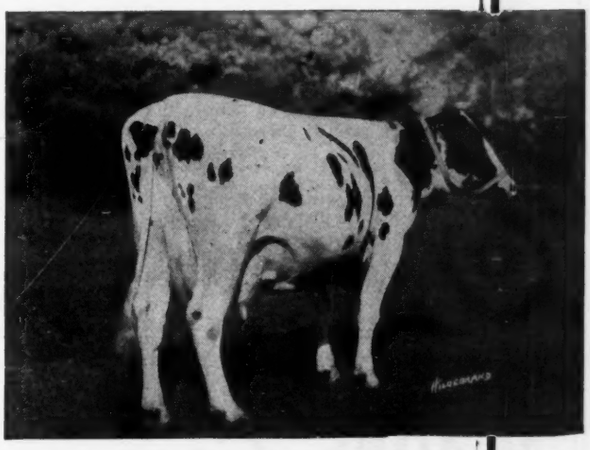
Just Play Absolutely Safe

Those "Safety Firsts" signs that are so conspicuously displayed around Railway Stations, Railway Crossings and in fact wherever danger lurks are a reminder to us all, to BE SURE and exercise caution, and that degree of care that may be expected of a careful and prudent person. That's all. By the exercise of CARE we are safe. If we are careless we are very apt to get hurt. Just stop for a moment and think of how aptly this "Safety First" idea applies to the man who is breeding Holstein cattle. No man so far as the principle is concerned has a right to be "careless" with money, any more than with his person. Usually you find written after the name of the careless man the word failure, while SUCCESS is the reward of carefulness and thrift. To the thousands of good men engaged today in this great Holstein industry, I want to say that one of the very surest ways to "play safe" one of the very surest ways to achieve success, and one of the very surest ways to make your breeding of Holstein Cattle profitable, and a work of genuine enjoyment is to

Buy A Good Son of

that magnificent Bull that heads the herd of Niagara Maid Farms having for his dam the (to my mind) greatest 40-lb. cow living, K. P. Diona Pietertje with a 7-day milk production of 825 lbs.; and having for his sire Rag Apple Korndyke 8th sire of the World's Champion 4-year-old with a record of 42.42 lbs. of butter in 7 days. His name is

K. P. DIONA PIETERTJE



Butter . . 40.15 Milk . . 825 lb.

Dam of

MAJESTIC RAG APPLE

A Better Bull Than His Sire

and a better individual you can't find anywhere. Just think of the wonderful combination of PROVEN blood lines represented in this royally bred bull. Just think of the great opportunity he will have, just think of those great 40-lb. cows he has been bred to. A bull having a 42-lb. 4-year-old sister; a 40-lb. dam; a 37.44 grandam; and a 38-lb. sire's dam; with world's records galore all through his pedigree just can't help but transmit his inheritance to his progeny. Yes, don't wait. Get your order in early. Make up your mind now to own a son of Majestic Rag Apple and be in the very front row of successful breeders. "Play Absolutely Safe." Write Us Today.

NIAGARA MAID FARM East Aurora, N. Y.

J. T. SHANAHAN, Owner W. A. SALISBURY, Mgr.

SEMI-ANNUAL CONSIGNMENT SALE

BY THE

MARYLAND HOLSTEIN SALES CO.

FAIR GROUNDS, FREDERICK MARYLAND

THURSDAY, NOVEMBER 14, 1918

10:30 o'clock A. M.

100—PURE BRED REGISTERED HOLSTEINS—100

Consisting of Fresh Cows, with A. R. O. records; Young Cows and two-year-olds, bred to some of the best sires in the country, and soon due to freshen. Grand lot of yearling heifers and calves, bred in the purple.

BULLS FIT FOR SERVICE

Whose breeding and individuality fit them to stand at the head of any herd.

Among them will be a son of "King of the Sadie Vales" whose three nearest dams average over 40 pounds of butter in seven days. The six nearest dams of this young bull average 29.62 pounds of butter in seven days.

Yearling son of a 34-pound cow, and sired by "King Concordia Pontiac."

A 31-pound grandson of the 37-pound cow "Diona Konigen."

One Bull ready for service from a 29-lb. dam sired by one of the best bulls of the breed. An individual of unusual promise.

Cattle six months old or over will be tested by the B. A. I. or sold subject to retest by said Bureau within sixty days from date of sale.

LIST OF CONSIGNORS

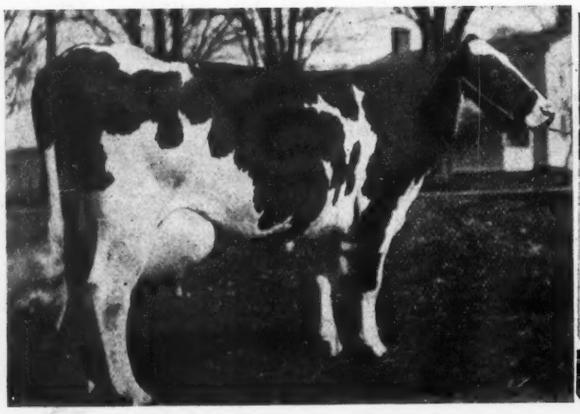
WINTERTHUR STOCK FARM, Winterthur, Del.
IRA E. FITZGERALD, Chester, N. Y.
ALEX N. SMITH, Monroe, N. Y.
ALLEN R. OWEN, Goshen, N. Y.
JOHN B. DIAMOND Jr., Gaitherburg, Md.
HARRY H. SWOMLEY, Frederick, Md.
OLIVER Z. COBLENTZ, Middletown, Md.
SAMUEL A. ENSOR, New Windsor, Md.

WRITE FOR CATALOG

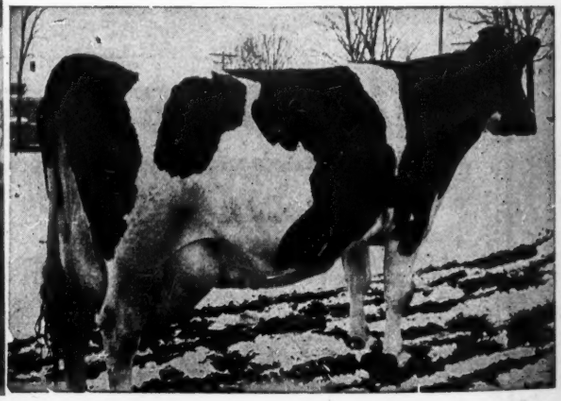
WM. P. MORSELL, Sales Manager Frederick, Md.

Col. Geo. W. Baxter, Auctioneer

A 40-lb. Cow AND HER 43-lb. Dam



LEAFY VEEMAN DE KOL



LEAFY DAWN DE KOL

THE DAMS OF

POTENTATE

"He Is All That His Name Implies"

E. P. & C. J. George **ARCADY FARM** Chaffee, N. Y.

Over the top

We can't stop him.

The Phenomenal record of

Colantha Johanna Lad

117 A. R. O. Daughters. 20 above 30 lbs.

27 daughters above

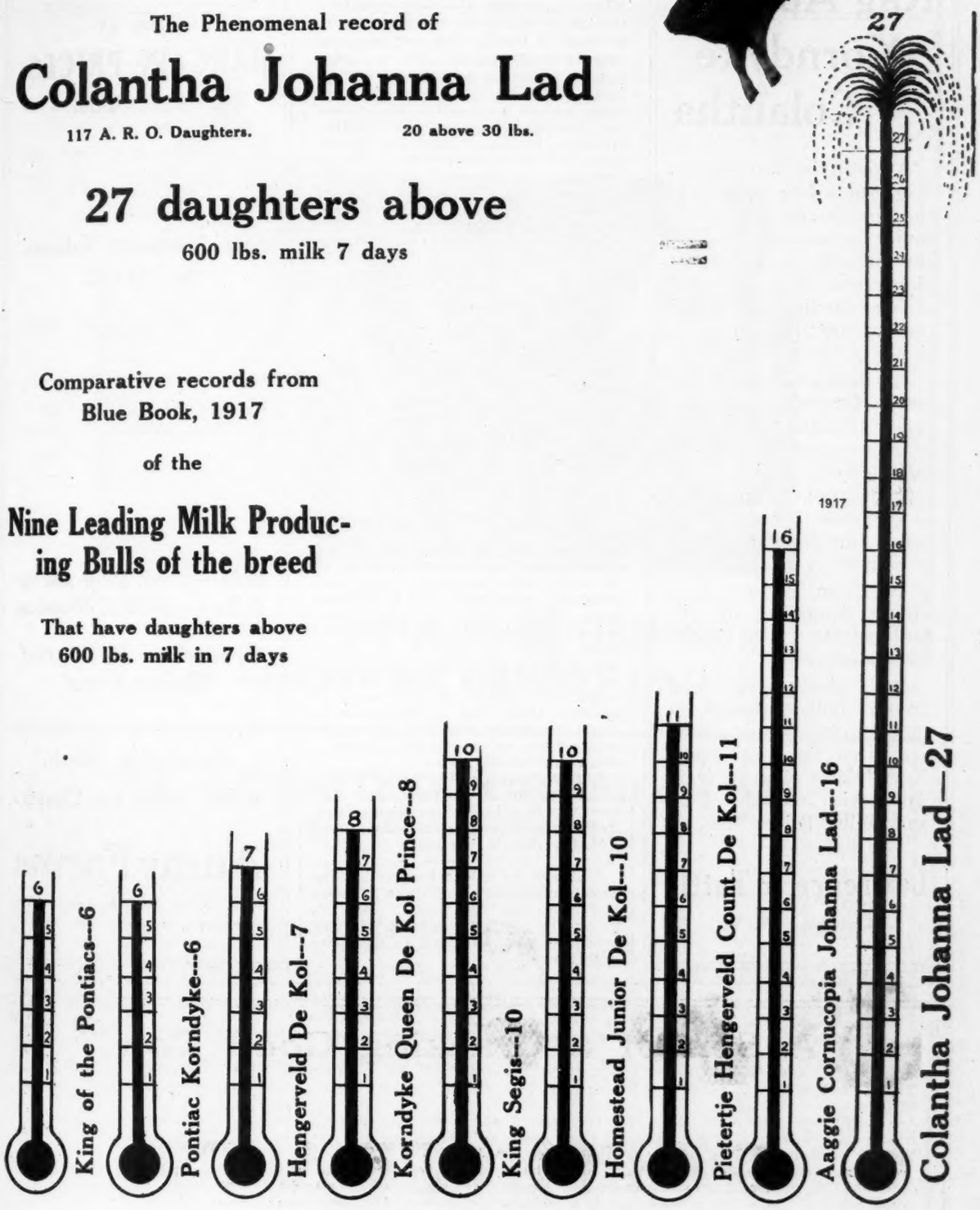
600 lbs. milk 7 days

Comparative records from
Blue Book, 1917

of the

Nine Leading Milk Producing Bulls of the breed

That have daughters above
600 lbs. milk in 7 days



BULL CALVES FOR SALE

NOTED FIELD HERD

OWNED BY

D. W. FIELD FARM CO. Oak Street, Montello, Mass.

Sons and Daughters of

Rag Apple Korndyke Colantha

A son of the famous sire, Rag Apple Korndyke 8th, the sire of the first 30-lb. junior 2-year-old and of the present world champion senior three-year-old. He was the first sire to sell for $25,000 at public auction.

His dam is Colantha Pietertje Korndyke, a daughter of Pontiac Korndyke with a record of 30.80 lb. butter from 529 lb. milk and she from the same dam as Fairview Korndyke Pietertje the youngest 30-lb. cow in the world.

We can offer three young daughters of this bull at $300 f. o. b. Canastota, N. Y.

We also have four young bulls, about six months old, two of which are sired by Rag Apple Korndyke Colantha from dams with records of 25 and 28 lbs. Prices $100.

Lawrence & Tuttle

Canastota, N. Y.

REDWOOD FARMS DISPERSAL SALE A SUCCESS

A preliminary report of the dispersal sale of the herd of the Redwood Holstein Farm Co., Redwood Falls, Minn., states that the herd brought a total of nearly $20,795 which makes an average of nearly $280 per head for seventy-seven animals. The top price for the sale was $1000 paid for the junior herd sire King Colantha Korndyke Ormsby a splendidly bred young bull. His sire King Korndyke Colantha Ormsby, the senior herd sire in the herd of John B. Irwin being a son of Colantha Johanna Champion the youngest son of Colantha 4th's Johanna and from Miss Korndyke Maid Ormsby the 1255-lb. daughter of the former world's champion Pietertje Maid Ormsby. His dam Bess Ormsby Fytje in the E. C. Schroeder herd has a record of 13.94 lb. at two years three months and is a daughter of the show bull Sir Korndyke Fytje while the second dam Bess Mercedes Ormsby is a 26-lb. three-year-old daughter of the famous 38-lb. cow, Spring Brook Bess Burke 2d. This bull was purchased by J. C. Marlow and W. W. Randall of Mankato, Minn. A prominent feature of the herd was a group of sisters sired by the former herd bull Sir Hengerveld De Kol Abbekerk, famous as the sire of the world's champion producer Milanhurst America De Kol.

Lyman Baird of Austin, Minn., former bank examiner was the heaviest purchaser taking fifteen head. Another heavy buyer was I. J. Orton of St. Cloud who purchased eight cows ranging in price from $300 to $500 per head. Ralph Crane of Austin purchased several of the tops of the sale. Other buyers included F. M. Stronach of Delhi, Minnesota, Fred Hanske of Wabasso, E. W. Ramey of Redwood Falls, Minn., E. J. Fenske of Morgan, Minn. and A. Martensen of Wabasso, Minn. These men bought young stock as foundation for future Redwood County herds.

The auctioneers were H. O. Tellier, H. Riley and D. L. Crimmins. The herd was in splendid condition and attracted a great deal of attention among Holstein men in the state.

And now the saloon keepers in New York announce they won't serve cheese on the "free lunch" plan. It's getting so nowdays that honest dairy products are ashamed to associate with booze.

Auray Farms

Offer at

BARGAIN PRICES

to Make Room—

Several young sons and daughters, three to five months old, of

King Wachusett Valdessa No. 187261

whose three nearest dams average:

Butter 7 days..... 37.15
Milk ..... 653.
Butter 30 days 146.40
Milk ..... 2744.

All bred from A. R. O. dams and grandams of the choicest breeding.

Bulls—$100, $150 and up
Heifers—$150,$200 and up

Crated — Delivered Guaranteed

Splendid Bargains in Foundation Stock.

Write Today for Charts.

Auray Farms

F. M. Avery I. M. Avery, Mgr.
SPARTA, Sussex County, N.J.

"A Son of a Cracking Good Cow"

That's the best way to describe this youngster born April 28th, 1918, that we are offering for the nominal sum of $250.

He is sired by King Sadie Vale Hengerveld whose two nearest dams average 39.22-lb. butter from almost 600-lb. milk, one as a senior 3-yr-old. King Sadie Vale Hengerveld is by King Korndyke Sadie Vale from the highest record daughter of Sir Veeman Hengerveld.

The dam of this calf is just one of the best cows in our herd. As a 4-yr-old she made 19.06-lb. butter from 431.7-lb. milk and is by the great bull Aaggie Cornucopia Johanna Lad 8th a 30-lb. son of Aaggie Cornucopia Johanna Lad. The second dam is a 20.35-lb. daughter of Pontiac Boreas.

At $250 You Cannot Beat This Fellow.

LEVELACRES HERD **Utica, N. Y.**

LINN KINNE, Owner

100% THE SAME BREEDING

MISS KORNDYKE MAID ORMSBY
SIR KORNDYKE ORMSBY LAD

SIR KORNDYKE ORMSBY LAD

Born January 23, 1914

A son of Sir Korndyke Hengerveld De Kol from a FULL SISTER to Pietertje Maid Ormsby, thus he has 100% the same breeding as:

King Korndyke Hengerveld Ormsby
Sir Ormsby Hengerveld Korndyke
Miss Korndyke Maid Ormsby

King Korndyke Hengerveld Ormsby is one of the best known bulls of the breed: Sir Ormsby Hengerveld Korndyke is owned by Arden Farms and Miss Korndyke Maid Ormsby has better than 30-lb. in 7 days and 1255.63-lb. butter from 25,418-lb milk in a year.

The dam of the bull we are offering is Pietertje Hengerveld Maid of Grouw with a record of 23.34-lb. butter in 7 days from 515.3-lb. milk and a year record of 677.5-lb. butter from 16,237.5-lb. milk.

If you want an ORMSBY bull that is a high class sire in every respect, you'd better get in touch with us without delay.

(Remember you cannot buy Finderne Johanna Rue Valdessa, but you can breed your best cow to him).

COLUMBINE HERD

LYTLE, COLORADO

SPENCER PENROSE, Owner W. E. CUSHNER, Mgr.

WANTED

Large type purebred Holstein springers 3 to 4 years old. State size, average per cent fat; pedigree; cow testing record; condition; price. Full description first letter. Also Pontiac or Korndyke breeding bull from dam above 1200 pounds butter. Also subject to Federal tuberculin test and retest.

THE MAYFIELD FARMS

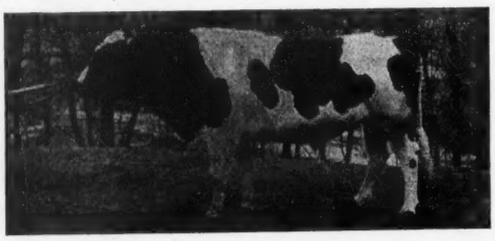
Denmark, South Carolina

HURD FARMS

Headed by

Hilldale Korndyke Abbekerk

"The bull that produces them worth while"



His entire list of daughters that have freshened to date:

Hurd's Mettamae Pontiac, 3y
Butter 27.145
Milk 519.00

30 days—
Butter 112.618
Milk 2441.2

Hurd's Korndyke De Kol, 2y
Butter 21.001
Milk 500.6

Hurd's De Kol Korndyke, 2y
Butter 19.66
Milk 346.00

Hurd's Korndyke Beets, 2y
Butter 17.52
Milk 376.80

Hurd's Belle Korndyke, 2y
Butter 17.48
Milk 443.00

Hurd's Pauline Korndyke, 2y
Butter 15.91
Milk 398 00

Service fee, $100 for approved cows. Pedigrees and pictures on application

C. W. HURD, Prop.

HURD FARMS Elma, N. Y.

WANTED

Dry Hand Milkers, capable of milking 18 Holsteins

$55 month and board. Transportation refunded after six months service.

MAYFIELD FARMS Denmark, S. C.

Ready for Service

Prince De Kol Colantha Pontiac

Born April 15, 1917

He is nicely marked, more black than white, a nice straight individual of medium size, tuberculin tested and grandly bred.

He is sired by Dutchland Colantha Mona Lad, a son of Colantha Johanna Lad and maternal brother to Mona Veeman 33.78-lbs. Dutchland Colantha Mona Lad is a full brother to Dutchland Colantha Sir Mona, the sire of Lakeview Dutchland Artis 43.06-lbs., the Canadian Champion and of Lakeview Dutchland Colantha Rose with 31.71-lbs. as a 2-yr-old.

The dam of this bull is Corona Pauline Korndyke with a record of 27.00-lbs. butter made from 412.2-lbs. milk. She is sired by Pontiac De Kol Korndyke a son of the great Pontiac Korndyke.

You cannot beat this breeding at our price of $200 f. o. b.

E. E. CLARKE

Andover, N. Y.

DAUGHTERS OF MAPLECREST APPLICATION PONTIAC No. 132652

ARE NOT FOR SALE! I am building up a herd of them.

But you will have a chance to buy Some Splendid Cows and Heifers in calf to him. ***At Your Own Price!***

CLUNY STOCK FARM · Quality Production Health · HOLSTEINS

Of course you want some of his blood in your herd; because he represents a most remarkable combination of 7-day and yearly record work. His dam has a record of 35.1 lbs. butter in 7 days, and 1344.3 lbs. butter in 365 days. His ¾ sister has a record of 30.37 lbs. butter in 7 days, and 1322.92 lbs. butter in 365 days. They are the world's highest yearly record daughters from the same dam, and they average 25,412.3 lbs. milk and 1,333.608 lbs. butter in 365 days.

These females will be sold at the Michigan Breeders Consignment Sale Co.'s Sale at Howell, Michigan, Wednesday, October 30, 1918. Watch for further announcements of this sale.

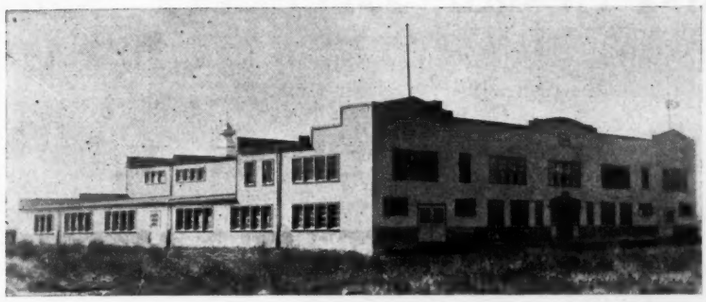
In the meantime, let me fix you up with a good young sire, ready for service this fall, from good A. R. O. cows with records up to 28 lbs.

Correspondence solicited.

R. BRUCE McPHERSON **Howell, Mich.**

The Holstein Breeders' Sale Company Pavilion

at Fond du Lac, Wisconsin



Built at a cost of $35,000.00—company incorporated and organized by 300 of the largest breeders of Holsteins scattered throughout fourteen counties in Wisconsin's famous dairy belt.

The First or Dedication Sale to be held

Thursday and Friday—Nov. 14th and 15th

will be practically a Milkers' Sale

175 head of choice pure bred Holsteins to be sold—125 head of cows and heifers fresh or to freshen before spring—most of them bred to 30-lb. sires or better.

HERE ARE SOME OF THE CHOICE OFFERINGS

Two 25-lb. cows; one 24.74-lb.; several with good yearly records; 25 heifers not bred.

One bull from a 31.50-lb. daughter of Colantha Johanna Champion.

Two bulls from 30-lb. dams including Reid & Dawson's 30-lb. herd sire with a yearly record of over 1,000 pounds of butter.

One bull from a 28-lb. 4-year-old whose five nearest dams average over 1,000 lbs. butter one year.

One bull from a 27.25-lb. 4-year-old and two from 26-lb. dams.

The leading feature of the sale will be the dispersion of the Reid & Dawson herd of 30 head. Most of the cows have good A. R. O. records. There are two 25-lb. cows and twelve daughters of Sir Johanna Rag Apple De Kol, whose dam has a 7-day record of 37.09-lb. butter. All the females old enough are bred to Meadowholm Ona Button Hartog, whose dam has a 7-day record of 30 lbs. and a yearly record of over 1,000 pounds of butter. He will also be sold.

Another feature of the sale will be the dispersion of the James Sales herd of 25 head. The cows are all young and most of them will freshen about sale time. Most of them have A. R. O. records or are from tested dams. There are 7 2-year-old granddaughters of Johanna McKinley Segis. The herd sire Colantha Sir Aaggie Rag Apple 2d will be sold.

Another feature will be a consignment of 42 head from the Albert Frank Herd. It will do you good to look at these. They include 25 cows and heifers bred to Mr. Frank's 35-lb. herd sire for which he paid $3,000 at the Lake Mills sale last fall. There are 17 bred 2-year-olds and 10 bulls.

Catalogs ready November 1st.

Auctioneers—Haeger, Mack and Pohlman. S T Wood in the box.

S. H. BIRD, Sale Manager

SOUTH BYRON WISCONSIN

N. B. Change of Date

The Allegany-Steuben Holstein-Friesian Breeders' Club Sale

which was scheduled to be held November 7-8, 1918, has been postponed on account of the influenza and will be held at the Hornell Fair Grounds

HORNELL, N. Y.

NOV. 18-19, 1918

Remember this date

The Consignors:

A. A. Button ..... Jasper, N. Y.
R. E. Chapin & Son .....Batavia, N. Y.
S. W. Clarke ..... Andover, N. Y.
E. E. Clarke ..... Andover, N. Y.
Claire Cobb ..... Spring Mills, N. Y.
N. E. Coston ..... Greenwood, N. Y.
B. R. & C. M. Crandall .... Andover, N. Y.
Wm. R. Crandall ....Andover, N. Y.
M. A. Crandall & Son ..... Andover, N. Y.
C. F. Davis ..... Andover, N. Y.
Sterry F. Dartt ..... Cameron, N. Y.
D. H. Fuller .....Scio, N. Y.
M. A. Green Estate ....Alfred Sta., N. Y.
R. D. Hale ..... Canisteo, N. Y.
Leon M. Karr ..... Almond, N. Y.
Frank S. Ostrander ..... Almond, N. Y.
E. B. Rollins ..... Andover, N. Y.
Wm. Rollins ..... Greenwood, N. Y.
A. H. Shaul ..... Jasper, N. Y.
Otis Turner ..... Cameron, N. Y.
J. R. Towsley & F. T. Loper..Jasper, N. Y.
Schuyler S. Whitford....Alfred Sta., N. Y.
Ordo L. Williamson ....Greenwood, N. Y.

A Few of the Good Ones

A 28-lb. granddaughter of Pietertje Hengerveld's Count De Kol bred to a son of Colantha Johanna Lad.

A 25-lb. cow with a semi-official record of over 20,000 lb. milk and over 800 lb. butter.

A son of the 30-lb. cow, Wolfspring Colanthus.

A son of a 29-lb. cow, whose dam is a 32-lb. cow, sired by a son of King Aaggie Segis.

A 25-lb. cow.

A 21-lb. daughter of a 23-lb. cow.

Several with records of from 20 to 22 lb.

A large number from A. R. O. dams, etc.

130 Head—Tuberculin Tested

See next week's World for further particulars.

Sale Managed by

Liverpool Sale & Pedigree Co., Inc. **Liverpool, N. Y.**

Col. B. V. KELLEY, Auctioneer **S T WOOD, Sale Director**

A LONG DISTANCE BULL

KING MUTUAL PIETERTJE

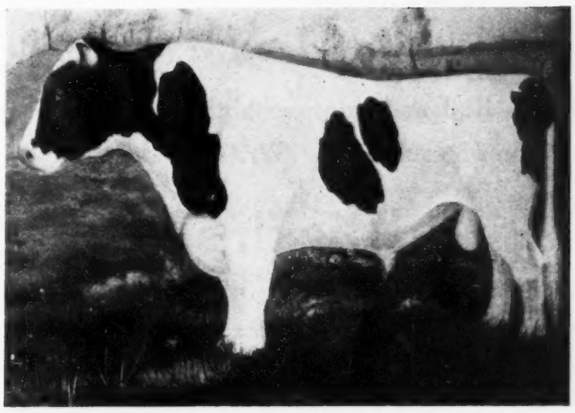
Born August 3, 1916

A very handsome, evenly colored fellow and bred in the very best long distance lines. Within the next year we believe he will surely be

A Son of a 1200-lb. Yearly Record Dam

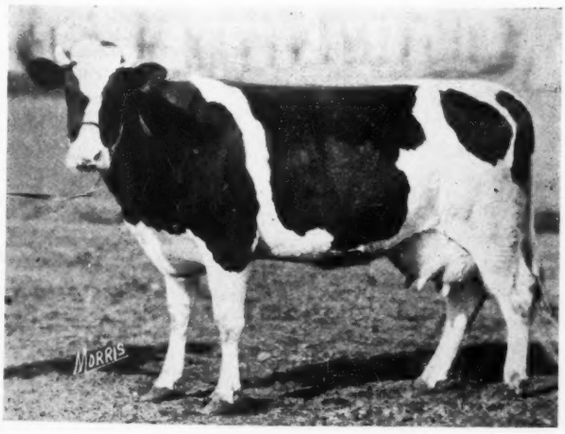
His Sire

KING MUTUAL KORNDYKE



Cut made from oil painting.

is a son of Finderne Mutual Fayne, the world champion junior 2-year-old with her record of 1200.64 lb. butter made from 22,150.4-lb. milk and then as a 3-yr-old made in 7 days 36.73 lb. butter from 499 lb. milk. She by the great bull, King Hengerveld Aaggie Fayne, a son of the great King Fayne Segis from a daughter of Hengerveld De Kol.



His Dam

WILLOW HILL INKA PIETERTJE

has a seven-day record of 32.18-lb. butter from 601 lb. milk and is now on year test. In 151 days she has produced 12,065 lb. milk and 604 lb. butter, therefore we have every reason to believe she will go well over 1200 for the year.

Four of her sisters are now on year test and we expect them all to go better than 1000 lb. butter.

In this bull you have all that could be desired. Seven-day records, year records, with a high percentage of fat and individuality fit for a show ring. We want to place him in a herd where he will demonstrate his worth. If you want to own one of the best, write us today.

HARGROVE & ARNOLD **Norwalk, Iowa**

Get An "Ollie" Show Bull

Sired by Iowana Sir Ollie—our senior sire—from the same dam as the Grand Champion, Oak De Kol Ollie Homestead, and in the same class as an individual. He is making good as a sire, with state champion producers and real individuals.

HERE IS ONE OF HIS SONS

Born April 18, 1918, about evenly marked, a typical son of his sire—and that's enough.

His dam, a 27-lb. 5-year-old, milked 101.5 lb. in a day, and is one of the best daughters of Cornucopia Pontiac Johanna Lad. She has a 19.9-lb. yearling daughter, and was himself

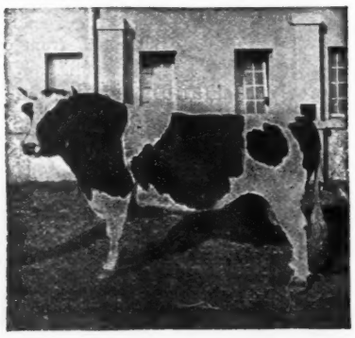
First Prize 3-year-old at the National

Buy this Bull and improve both the type and production of your herd. Write for details.

Nathan Dickinson & Son

WALCOWIS FARM Lake Geneva, Wis.

SIR
JOHANNA
FAYNE
42147



The only bull living with four daughters with records above 23,000 pounds milk in a year or seven above 20,000.

Never mind the 7-day forced record. It is the normal production during the other 358 days that determines a cow's ability.

IOWANA FARMS, Davenport, Iowa

LINE BREEDING—ITS ADVANTAGES AND USES

"Like begets like or the likness of some ancestor," is the law upon which the earliest breeders based their breeding practice. When asked why his cattle were so thick-fleshed, Robert Bakewell, an early breeder, replied, "Thick-fleshed cattle breed thick-fleshed cattle." Experience has shown that a relatively small number of animals within a breed materially benefit that breed. Such animals possess an unseen power of reproduction by which they can stamp their own characteristic upon their offspring.

The folly of crossing two distinct breeds, as the Jersey and the Holstein, has been shown many times, as the resulting animal generally produced the quantity of the former and the quality of the latter when it was expected the cross would produce an outstanding animal giving the quantity of the Holstein and the quality of the Jersey. Dairy breeds have been developed for distinct purposes, some to produce a high per cent of fat in their milk, others to produce quantity of milk. The inheritance of milk production is not a unit character, but the fewer factors that are brought into a single animal the fewer possibilities are there of variation in the offspring.

Quality of dairy cattle is found in the female line only. The fundamental functions of a dairy cow are production and reproduction. Comparatively few cows combine the maximum production with the ability to reproduce themselves in their offspring. When such a cow is found, a great opportunity awaits the breeder who will endeavor to concentrate a large percentage of her blood in a great number of animals.

In general, an animal inherits 50 per cent of its characteristics from the sire and 50 per cent from the dam, and unless related animals are mated the offspring cannot carry more than 50 per cent of the blood of any individual. By mating sire to daughter or son to dam the offspring will carry 75 per cent of the blood of one animal and hence would possess more of its inherent characteristics. But such close inbreeding is generally dangerous, as the weak characteristics will be intensified as well as the stronger ones. Likewise the mating of non-related animals brings in a greater number of characters and does not fix any

(Continued on page 40.)

YEARLY RECORDS

20,000 lbs. at 2 years **30,000 lbs. at 10 years**

A son of one of these cows sired by a son of the other one is what we offer and his two nearest dams average:

Butter ..... 1034.36 lbs.
Milk ..... 25,390.00 lbs.

He is ready for heavy service. A good individual more black than white. Write for pedigree and photos. The price is $450.00.

LAKESIDE FARM

C. P. HARPER Watertown, Conn.

YOUR OPPORTUNITY

Federal Tested by Bureau of Animal Industry, Washington

At Baltimore, Md., Nov. 13-14, 1918

We are consigning **First Class Individuals**

Sons and daughters of 34-lb. sires from dams with records up to nearly 29 lb. in 7 days.

Young cows and heifers bred to great bulls and soon due to freshen. Some in calf to one of the best 30-lb. sons of King Korndyke Sadie Vale:

Four young herd sires of the finest quality.

Every animal under 6 years of age but one, and milkers giving around 60 lb. per day.

They are the dependable kind—the sort to buy and make you money.

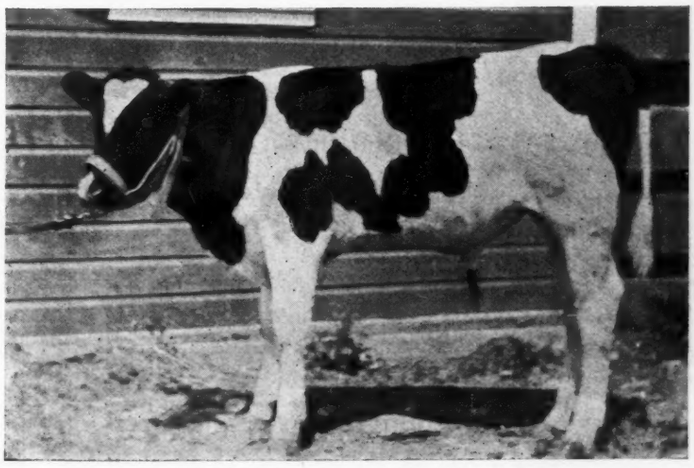
Remember, they are tested by the United States Government and ready for shipment anywhere in the world. May we have the pleasure of meeting you at Frederick?

IRA E. FITZGERALD
Chester, N. Y.

ALEX N. SMITH
Monroe, N. Y.

HE IS BRED TO PRODUCE

His Three Nearest Dams Average 30.155 lbs. Butter in Seven Days



Born December 7 1917 Now Ready for Service

SIR SHADELAND BEETS CORNUCOPIA, No. 234616

HIS SIRE

The noted Sir College Cornucopia 2d, whose dam College Belle Wayne, 824.2 lbs. milk and 35.375 lbs. butter in 7 days and 3338.1 lbs. milk and 145.68 lbs. butter in 30 days, held combined milk and butter record when made.

HIS DAM

Miss Shadeland Rhoda Beets 558.2 lbs. milk and 27.908 lbs. butter in 7 days from ¾ udder, (2 A. R. O. daughters, one with 28.994 at 3 yrs) is a granddaughter of King Segis. Write us for Pedigree and Prices.

Westkota Farm Belle Fourche, So. Dak.

M. J. SMILEY, Owner

KINGS OF TH

King of the Sadie Vales, King o e Pont

King of the Sadie Vales

King of the Sadie Vales' dam and grandam have the highest 30-day averages in the world, 157.71 lbs. King of the Sadie Vales' dam, grandam and great grandam exceed by 17.80 lbs. the average production of any other 3 generations of cows; they average 146.36 lbs. (30 days). He and his full brother are the only bulls in the world that can show these averages for their three to nine nearest dams for 30 days.

HIS SIRE

King Korndyke Sadie Vale

King Korndyke Sadie Vale is the only sire with a 40-lb. dam, a 40-lb. sister and a 40-lb. daughter; the only sire with a daughter to make 29 lbs. at 24 months. His dam was the first 40-lb. cow with a 38-lb. daughter. His sire's sire is the only bull in the world with three 40-lb. World's Record granddaughters, one of them being the 50-lb. cow.

HIS DAM

Sadie Vale Concordia 4th's Pietje

Sadie Vale Concordia 4th's Pietje and her dam (Sadie Vale Concordia 4th) hold the World's thirty-day record for mother and daughter. She and her dam and grandam hold the World's seven and thirty-day records for three direct generations. Her record is as follows:

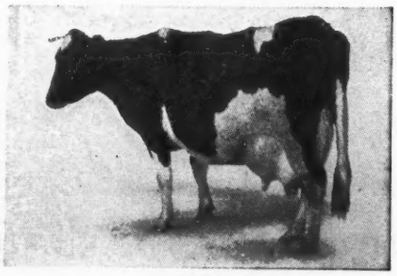
Butter, 7 days, 5 yr.	38.43
Milk	729.50
Butter, 30 days	152.32
Milk	2692.90

HIS DOUBLE GRANDAM

Sadie Vale Concordia 4th

Sadie Vale Concordia 4th, record at seven years:

Butter 7 days	41.06
Milk	691.40
Butter 30 days	163.11
Milk	2589.50
At 3 yr 9 mo 20 days—	
Butter 7 days	30.55
Milk	611.10
Butter 30 days	111.99



HIS DOUBLE GREAT GRANDAM

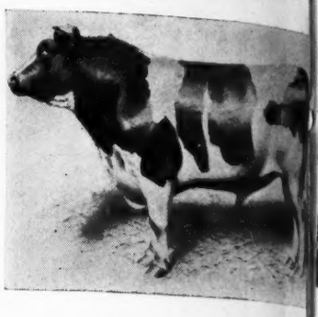
Sadie Vale Concordia

Sadie Vale Concordia, record:

Butter 7 days	30.64
Butter 30 days	123.67

She is the dam of a 40-lb. cow, the grandam of eight cows with records from 30 to 38.43 lbs., and the great grandam of 31 thirty-pound cows.

We offer for sale sons of these bulls from A. R. O. dams of unsurpassed individuality



Pontiac Korndyke

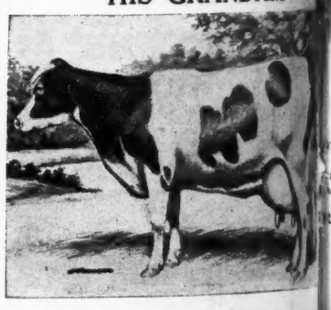
Pontiac Korndyke is one of the two sires of the breed having two daughters averaging 42 lbs., three daughters averaging 40 lbs. or four daughters averaging above 40 lbs., he having four that average 40.10 lbs. He has one 38-lb. daughter, two 37-lb. daughters and nine others from 30 to 36.2 lbs. butter. His daughter, Fairview Korndyke Mata, recently broke the World's record for milk and butter combined by producing 47.16 lbs. butter from 801.5 lbs. milk, and the 305-day record for butter with 185.32 lb.

HIS DAM

Hengerveld De Kol

Hengerveld De Kol ranks fourth in respect to number of A. R. O. daughters and daughters with records above 25 lbs. His 116 A. R. O. daughters average 22.8 lbs., which record puts him ahead of any other sire with more than 100 A. R. O. daughters. He is on a par with King Segis in respect to number of 30-lb. daughters (10), they range from 30 to 33.62 lb.

HIS GRANDAM



ALLAMUCHY and TRANQUILLITY FARMS

ALLAMUCHY, NEW JERSEY

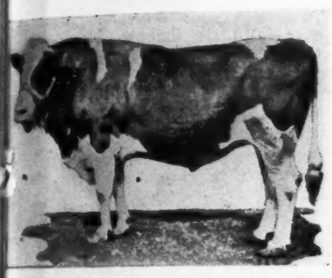
THE BREED

King of the Pontiacs, King of the Ormsbys

King of the Pontiacs

King of the Pontiacs has a 44.18-lb., a 42.50-lb. and a 40.15-lb. daughter. He has a 43.52-lb. and a 40.15-lb. granddaughter. He has twenty-eight 30-lb. daughters. He also has a 47.16-lb. sister. No other bull in the world has more than two 40-lb. daughters. No other bull in the world has as many 40 or 30-lb. daughters.

HIS SIRE

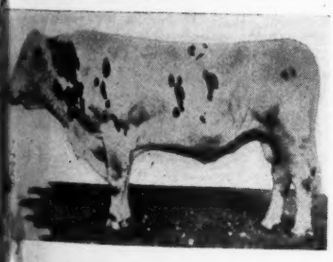


Pontiac Lunde Hengerveld

Pontiac Lunde Hengerveld is a daughter of Hengerveld De Kol. Her record is as follows:

Butter, 7 days	28.41
Milk	559.80
Butter, 14 days	55.35
Milk	1121.50
Butter, 30 days	114.82
Milk	2405.20

HIS GRANDSIRE



Belle Korndyke

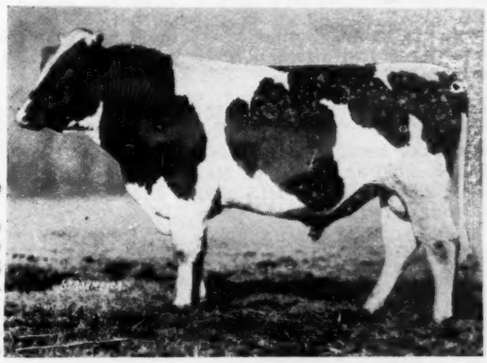
Belle Korndyke at the age of 10 years made the following record:

Butter	25.77
Milk	509.80
Average per cent fat	4.04

She has 4 A. R. O. daughters and 6 A. R. sons including Pontiac Korndyke.

We offer for sale sons of these bulls from A. R. O. dams of unsurpassed individuality

King of the Ormsbys



At 2 years.

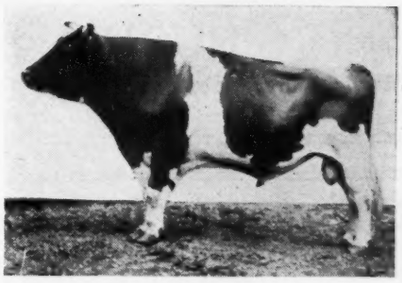
King of the Ormsby's three nearest dams average:

Butter 7 days	36.20
Butter 30 days	139.80
Butter 365 days	966.06

For high-record backing combining size and conformation and proven transmitting power, King of the Ormsbys deserves to stand in a class by himself.

HIS SIRE

Sir Pietertje Ormsby Mercedes



Sir Pietertje Ormsby Mercedes is the greatest sire of producers and individuals combined the breed has ever known. He is the only bull with two daughters each above 29,000 lbs. milk in a year, or two that average over 1300 lbs. butter in a year. For the year 1916-17 his daughters won more first-place prize money than the daughters of any other sire.

HIS DAM

Spring Brook Bess Burke 2d

Spring Brook Bess Burke 2d, record at 6 years—

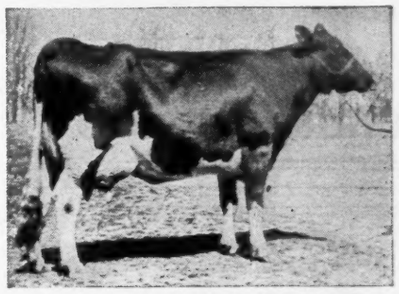
Butter, 7 days	38.23
Milk	792.30

She is the only cow in the world to make two 36-lb. records from 700 lbs. milk in connection with two yearly records of 1,000 lbs. butter each.

She has made three records each above 35 lbs. butter in seven days. No other cow in the United States has done this.

HIS GRANDAM

Pietertje Maid Ormsby



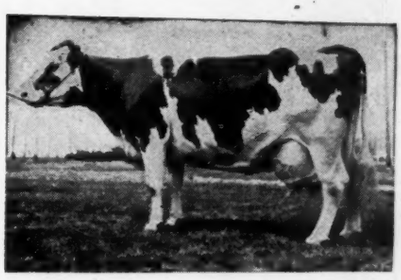
Pietertje Maid Ormsby, who in 1911 took the World's championship by producing 145.66 lbs. butter in 30 days, has the following record:

Butter 7 days	35.56
Milk	535.40
Butter 30 days	145.66
Milk	2567.80
Butter 365 days	759.13
Milk	16,531.80

2 A. R. O. daughters, one above 30 lbs.

HIS GRANDAM

Spring Brook Bess Burke



Spring Brook Bess Burke, record:

Butter 7 days	34.81
Milk	639.80
Average per cent fat	4.41

Spring Brook Bess Burke with her three daughters, holds all world's records for both butter and milk for 7 and 30 days and a year, the four averaging:

Butter	1057.71
Milk	23 889.00

WINTERTHUR FARMS

WINTERTHUR, DELAWARE

PONTIAC KORNDYKE

has been coming some. No other bull ever duplicated his present year's work, with two daughters above 42 lbs. and four daughters averaging 41.57 lbs.

ONE OF HIS BEST SONS

heads our herd. His name is PRINCE KORNDYKE PONTIAC, and his dam is Pontiac Korndyke Maid, a 33-lb. daughter of Pontiac Korndyke.

BARGAINS IN HIS SONS are now offered, from good record, strongly bred dams.

One from a 26-lb. Daughter of King Segis

SOME COMBINATION

Other young bulls by King Hengerveld Pietje, a son of Prince Hengerveld Pietje and Woodcrest Dora De Kol (35.89 lbs.), from dams up to over 25 lbs. as junior two-year-olds. Some from daughters of King of the Pontiacs and Rag Apple Korndyke 8th.

This quality will move quick. Address

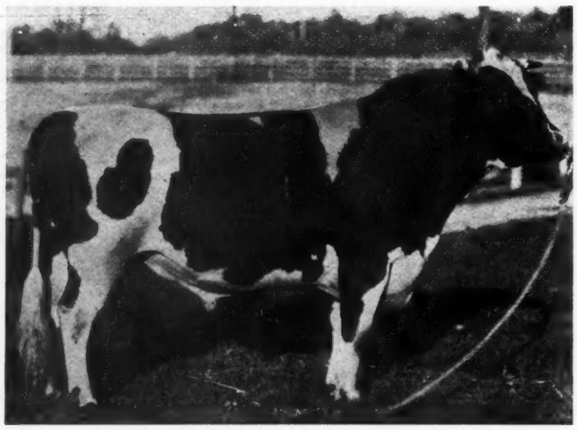
HUGH J. DAVIS

Maple Ridge Herd Broadalbin, N. Y.

ORMSBY KORNDYKE LAD

Five 30-Lb. Daughters All Under Full Age

The Bull That Sires Champions



Get One of His Sons Today

HARRY B. DAVIS Chester, N. Y.

(Continued from page 36.)

one character. Line-breeding is the concentration of the blood of one animal in a large number of its offspring, but through judicious matings so that the weaker characteristics will not be intensified.

Line-breeding is valuable as long as selection is made from the individual rather than from the pedigree. Full brothers or sisters may differ decidedly in conformation and ability. Improvement by line-breeding alone will be slow unless it is a continuous process of selecting the best individuals.

One of the earliest breeders of dairy cattle was Philip Dauncey of England. His practice was to mate the descendants of one bull, or half brother and sister. It was possible for him to select only the best son of a sire and to use him on his half sisters and continue the next generation in the same way. Such matings are generally called in-breeding, but they are not intensive in-breeding. The results were to develop animals that were great producers even when the bulls were mated to non-related cows.

In this breeding practice it will be noticed there are no close matings. In no case is there an outcross, but the resulting animals trace to the foundation cow, Interest, on the side of both sire and dam.

The constructive breeder does not wait for his cows to come in season before determining to what bull he will breed them. If the cow is weak in some particular point, as top line, breed to a bull especially strong in that point of development, but do not get entirely away from the same blood lines. After line-breeding has been practiced for several generations one cannot depend upon other breeders to furnish the herd sire, but must select him out of cows in his own herd that combine his ideas in breeding.

There is a belief prevalent that the mating of related animals will generally result in non-breeders and cows of poor type. This may be true where the closest in-breeding is practiced without considering the individual, but if one has the right ideal, to be reached only after generations of breeding and a life-time of service in the art of breeding, the mating of distantly related animals, always selecting the best individuals, will doubtless result in a continued improvement and a fixation of the characters of the foundation animal.—R. Wylie, Iowa Agri.

HOME FARM HOLSTEIN FRIESIANS

Your name on a card will bring you his photo, price, and pedigree

His Six Nearest Dams Average 29.31
His Thirteen Nearest Dams Average 29.04

His sire is one of the best sons of

KING KORNDYKE SADIE VALE

He has a double cross of King Segis De Kol Korndyke.

Born February 18, 1918. ¾ white.

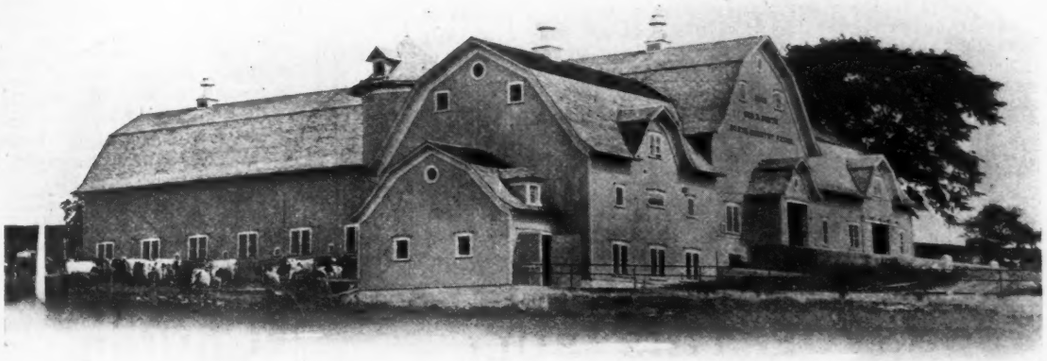
Dam.

BEAUTY RAUWERD HENGERVELD

Butter 7 days	26.73
Milk	647.00
Butter 30 days	103.
Milk 30 days	2632.

W. B. BARNEY & SONS Chapin, Iowa

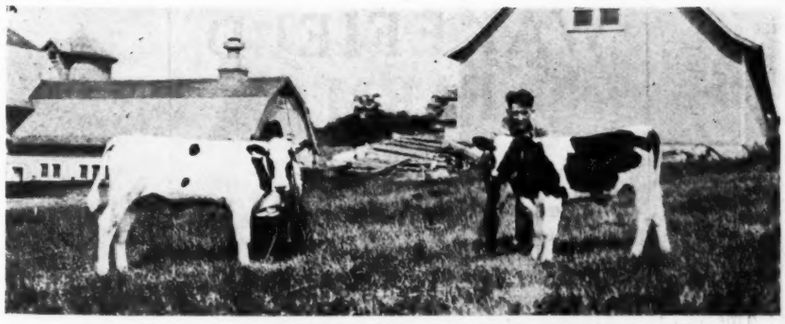
NORTH COUNTRY FARMS



TWO years ago we made our first start in official testing at North Country Farms. Last year our second season in this work, we completed seven records ranging from 30 to 34 lbs. and including a two-year-old heifer with 31 lbs. The first year we developed a world record pair of twin yearlings, their records averaging better than 18 lbs. Last year these same two heifers came back as senior 2-year-olds with records averaging better than 28 lbs. giving them another world record for twin two-year-olds.

If you would own sons of such cows, sired by our herd bull, KING KORNDYKE WINONA (a son of Korndyke Winona the 42-lb. $16,000 daughter of Pontiac Korndyke) you can get in line at once.

G. N. SMITH Watertown, N. Y.



A Beautiful Individual

Ready For Heavy Service

This bull is a very handsome fellow, nearly all white in color, is ready for immediate heavy use and is priced at the ridiculously low figure of $250. He is sired by King Segis Pontiac Canary a son of King Segis Pontiac and Jacoba Hartog Canary with a record of 30.82 lb. butter. The dam of the bull is K P Canary Jacoba with a 3-year-old record of 22.29-lb. butter, she by King of the Pontiacs from a 23.16-lb. daughter of a 30-lb. cow. This bull will do someone a lot of good.

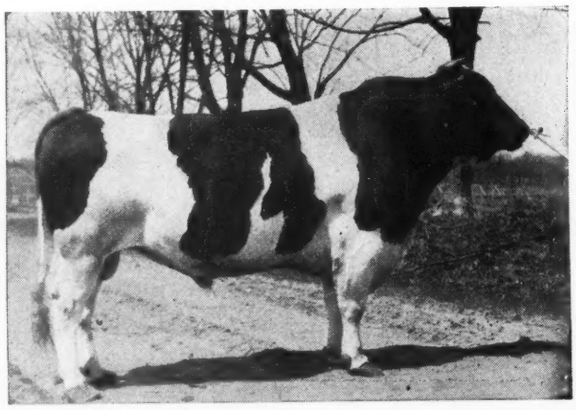
Lamb & Langworthy

East Hamilton, N. Y.

HOLSTEINS IN COLORADO

It was early in the morning just at day break when that misty veil envelopes everything when objects are not easily discernable, but as I looked down into the vale from where I stood on the knoll, I saw something in the distance consisting of white splotches. It was larger than a house and appeared to be a huge black and white blanket. As it grew lighter I thought I discerned this vast something moving stealthily forward. When it grew light enough to recognize objects I could make out the green juicy pastures and a herd of Holstein-Friesians making their way to the pasture gate, whence they would be taken to the barn for milking. On all sides of the pasture, fields of green alfalfa grew and for a back ground for this beautiful pastoral scene were the mountains, first the foothills rising up in their dark blue tint and then the real mountains in the background so faint that they possessed a blue misty color.

SONS OF THIS BULL



Mutual Fobes Longfield De Kol

22 A. R. O. Daughters.

A Champion and sire of Champions.

From Dams Up to 31.5 Lbs.

Mutual Fobes Longfield De Kol is a son of Fobes Tritomia Mutual De Kol, from a 30-lb. 3-year-old former world's record daughter of Homestead Jr. De Kol.

THEY GO QUICK—SEND FOR DETAILS
MILFORD MEADOWS STOCK FARM
Harry Faville, Mgr. LAKE MILLS, WIS.

The Chilton Wisconsin Sale

Which was scheduled for

October 18

and postponed on account of "flu" is to be held on

November 8

This is a sale comprising 50 head from the leading breeders of Calumet Co. and is to be their first consignment sale. The cattle are mostly young from clean herds and bred in the best of lines.

Senior Sire

King Pontiac Dione

He is sired by King Segis Pontiac, the well known sire of high priced bulls and whose dam was the first 37-lb. cow, Pontiac Clothilde De Kol 2d.

His dam, Pontiac Diona, is one of the highest yearly record daughters of the great Hengerveld De Kol.

King Pontiac Dione is an extra good individual. This can also be said of his daughters and they are making good records, both short and long time.

WAKEFIELD FARM

GEO. E. VAN HAGEN, Owner

Our herd numbers over 155 head and contains animals with the best of breeding. The herd contains a large number of daughters of our two well bred sons.

We can offer you sons of King Segis Pontiac Chicago, out of daughters of King Pontiac Dione, also sons of King Pontiac Dione from high record dams.

We will be glad to hear from you.

A. N. DUNLOP, Supt. Barrington, Ill.

Junior Sire

King Segis Pontiac Chicago the $20,000 Bull

This highly prized young bull is also sired by King Segis Pontiac. His dam is Johanna De Kol Van Beers, the former world's champion.

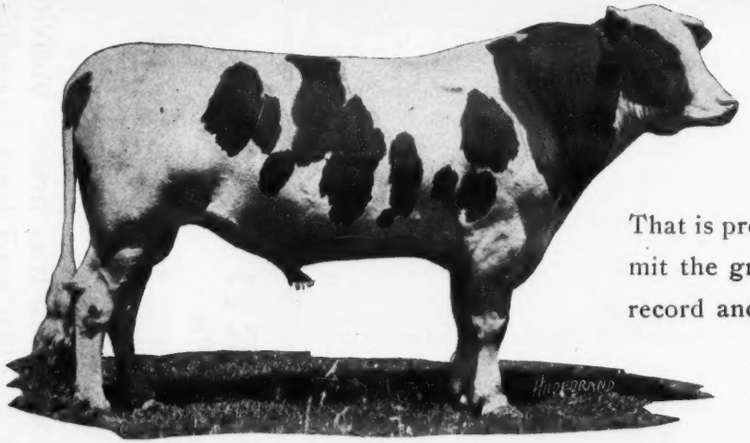
The two nearest dams of this bull average:

7 days—38.64 lbs. butter; 654.7 lbs. milk.

30 days—148.34 lbs. butter; 2676.3 lbs. milk.

His splendid individuality is transmitted in a marked degree to his offspring.

The Bull Without a Doubt

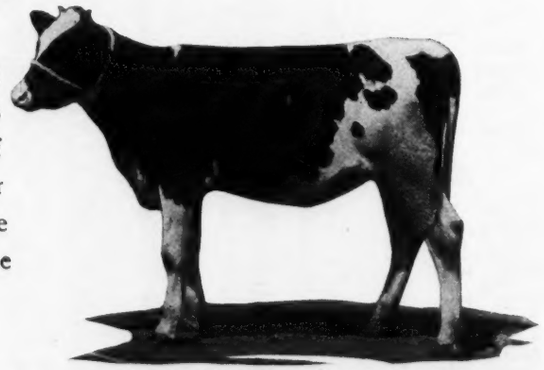


King Pontiac Hengerveld Fayne
The Sire

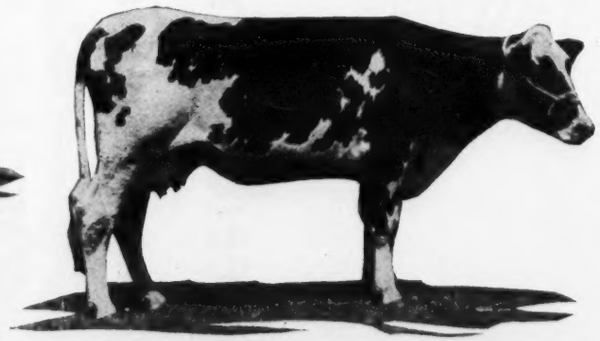
That is producing his great individuality in his offspring, is sure to transmit the great producing qualities which he has inherited from his high record ancestors.

This is not a guess when a sire can produce a calf like this from a dam like this.

This is the kind of a bull to breed to if you want results such as shown here. There are a lot of good high record cows, that their offspring should bring a lot more money, but don't. Why, because they lack individuality.



The Calf



The Dam

Belvidere **PEQUEST FARMS** **New Jersey**

DODGE FARM
WASHINGTON, CONNECTICUT

One Swallow does not make a Summer
Nor performance in one generation prove the worth of a Holstein bull or cow.

Breed for the Future

From Long Distance Stock

Proved for Several Generations on Each Side

We have the combination in

Two Tested Long Distance Families

of Three Generations Each.

Line bred to

The Best Dairy Bull in New England

This is a cross that means
Fame to the Breed as Dairy Animals.

— GET IN LINE —

Send for a Pedigree "that's different."

IN FAVOR OF THE SEVEN DAY TEST

Editor World:

I will apologize now for my lack of respect and veneration for those older and wiser than myself. Of course we know it is the mark of genius for a man to believe that which is true for himself is true for every other man. We will grant that our old and thoroughly established breeders are geniuses who have been so ably and authoritatively championing the cause of the yearly test in and out of the breed papers of late. But I would wish to recall to all that the popularity and immense growth of the Holstein breed has been built upon and endures largely by the seven day test, and that the results attained thereby need lead to few false hopes and little economic loss; no more so in fact than the yearly test.

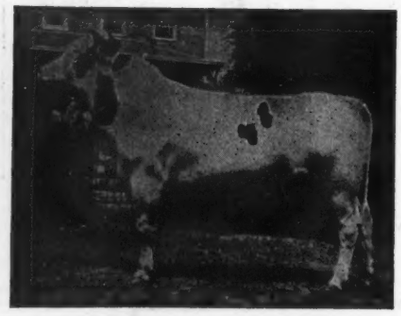
Will any one deny that the yearly record of 1200 pounds of fat is any less the result of skillful feeding and expert care than the 40 pound seven day fat record and was brought about by the same causes. No one needs to be deceived, unless they so desire, in the capacity of any Holstein cow as a result of the seven day test. Any one who will carefully study Supt. Gardner's reports cannot rightfully come to the conclusion that any Holstein cow, even under the best of dairy conditions can be expected to test very much better than 3.5 per cent throughout the year; also that some will test lower.

King Segis, recognized as one of the greatest sires of the breed has not a single daughter with a year record and with but 23 of his 87 A. R. O. daughters tested for 30 days. His blood seems to be anything but morning glory stuff, for, now, years after his death his descendants are greatly cherished and widely sought.

Now I believe we come to the crux of the situation. The majority of the buying public is found I believe, not among the established and famous breeders with their barns overflowing with stock, nor among the occasional rich man who establishes a Holstein herd as a whim, but among the middle aged farmers or young dairymen who wish to do things a little better. These men join in the procession and are no more satisfied to eat every one's dust in the pure bred procession than they were to drift along with the grade. About their only way to throw dust for

(Continued on page 46.)

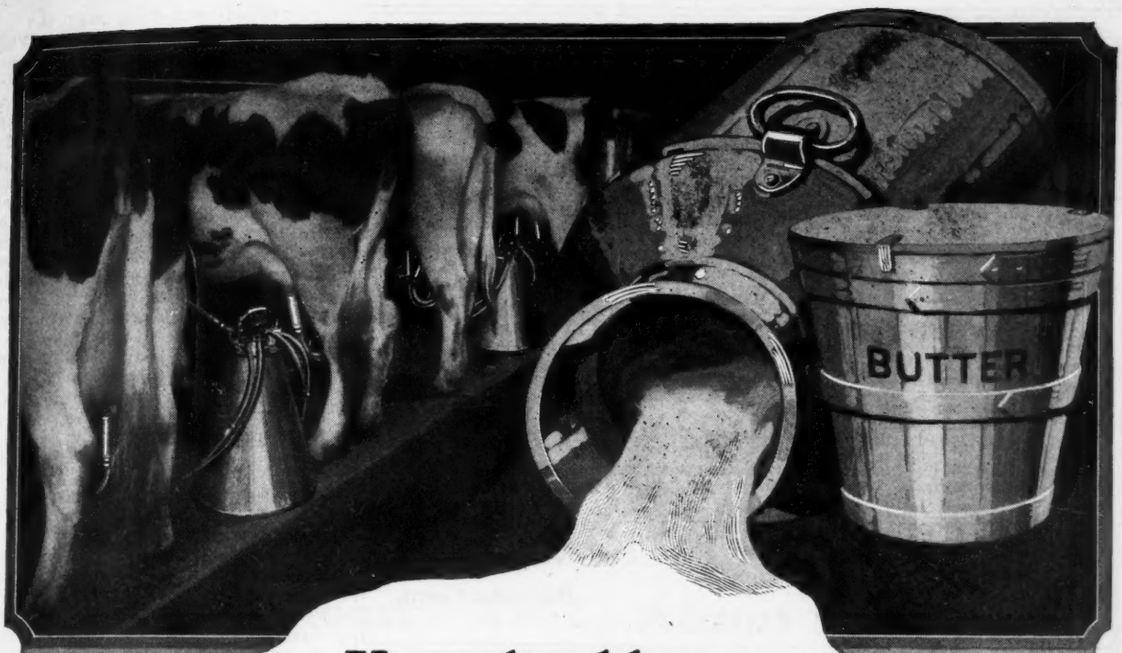
LISETER HERD
NEWTOWN SQUARE, PA.



MODEL ANNIE KING SEGIS 164697

This Bull combines the finest individuality, highest quality and best breeding.

J. L. AUSTIN Rosemont, Pa.
SAMUEL W. HAGAN, Herdsman



You should use
UNICORN DAIRY RATION

Because—it will make more milk and cut down your milk costs.

Because—you can save from 10 to 20% of your feed costs through the use of fewer pounds of grain per cow and the increase in milk or fat per cow.

Because—there is 10% more available food material in Unicorn than in any ration on the market.

Because—it saves labor and the mistakes of mixing and feeding. It is always uniform and reliable.

Because—Unicorn Dairy Ration is suitable for feeding alone, or can be fed with home-grown corn, oats or barley. Unicorn contains ample protein and may therefore be used either as a protein feed or as a complete ration.

Ask your dealer or write

CHAPIN & CO.,
Dept. S Chicago

FOR SALE—4 Heifers Fresh in November

2 senior two-year-olds—a 3-year-old and a 4-year-old—granddaughters of King Segis, King of the Pontiacs. Bred to a son of Sir Korndyke Pontiac Artis—three nearest dams average 30.29 lbs. of butter in 7 days—over 18,000 lbs. of milk in a year testing above 4 per cent. Price $300.00 each.
2 service bulls, one from a 25-lb. 2-year-old and one from a 25-lb. 3-year-old, full sister to Lady Perfection Korndyke, 40.28 lbs. of butter in 7 days—priced to sell.

IRA S. JARVIS **Hartwick Seminary, N. Y.**

The Home of

Maplecrest Avalon, No. 203845

His dam's dam, sire's dam and sire's dam's dam average:

Butter 7 days	31.25 pounds
Milk 365 days	24,139.0 pounds
Butter 365 days	1228.0 pounds
Fat percentage	4.09 for the year

We know of no other bull in the country who can approach the above averages.

He has three crosses of Pontiac Aaggie Korndyke and two of Friend Hengerveld De Kol Butter Boy, the two greatest long distance sires of the breed.

We Are Specializing in Yearly Work

We are trying to make good seven-day records from a large amount of milk, and therefore a fairly normal per cent of fat.

We are aiming at a large per cent of fat in yearly work.

We are under the supervision of the U. S. Bureau of Animal Industry for tuberculosis.

We propose to give a clean bill of health in every way for every animal we sell.

We can spare no pure bred females at the present time, but invite inquiries for bulls with good backing at moderate prices.

AVALON FARMS

E. D. CURTIS, Owner Bantam, Conn.

$125.00 BUYS

a perfectly straight, well developed grandson of

Ormsby Korndyke La

Born Jan. 30, 1918

First four dams average 27.2 lbs. butter in 7 days.

DAM—A 14.24-lb. two-year-old daughter of a 27-lb. cow.

SIRE—Son of Ormsby Korndyke Lad from a 33.20-lb. dam.

A BARGAIN

Pedigree and particulars upon request.

BLACRES

BENNETT & LATZER Wellsboro, Pa.

(Continued from page 44.)

the other fellow to swallow is with high records on their cows. Nor can these men buy a barn full of fancy priced cows any more than under ordinary farm conditions can he attempt the year record. The nerve or capital required for the year test make it prohibitive. In my limited experience, the cows that can make a creditable seven day record are the most profitable with regards production throughout the year. It is our luck to have to price too high for our buyers the cows with a creditable seven day record on account of the profit they would make to milk them.

Of course the year test is very fine, and we should like some day to attempt it, but in our ambition let us not forget the average beginner who forms our chief market.

W. O. Hoover, Hiram, Ohio.

INTERESTING REPORT ON FOREIGN LIVE STOCK PRICES

We are in receipt of a report on prices paid for live stock in foreign countries containing information of considerable interest. A report from Amsterdam, Holland, under date of August 17, 1918, states that recent exportation of horses to Germany has caused speculation in them and great increase in the prices. According to current reports a sound horse for draught or carriage purposes will command from $500 to $2000, while a pony or a lame horse not seriously disabled, can be sold for $200 to $300. The high prices are due mainly to scarcity of horses. The advance in their price, however, coincides with the increase in prices of all commodities which is from one hundred to five hundred per cent and even more in some cases in comparison with prewar prices. Cattle are also very high priced chiefly for the reason stated above. From $200 to $400 is often paid for a good cow according to current statements on the subject. A similar report from Stockholm, Sweden, under date of August 21 reports the purchase of 250 horses made by the German military commission at 3400 crowns each, equivalent to about $1740.

The Also-ran Breeder

I ne'er shall win a noted name—
And yet I pray for grounds
On which to figure I might make
A glorious 30-pounds.

OUR SENIOR SIRE

JUDGE SEGIS—29 A. R. O. Daughters

Up to 37 lb.

Twenty-four of his daughters sold in public sale for an average of $875.

One of the Very Best Sons of King Segis

At Hollywood he will have an opportunity in keeping with his remarkable ability.

His sons are making good, too. One of them is now the sire of a 24-lb. 2-year-old daughter.

It is a son of JUDGE SEGIS you want to put TYPE—INDIVIDUALITY—PRODUCTION into your herd.

Hollywood Farm **Hollywood, Wash.**

A PERSONNEL

of the consignors and a glimpse at their consignments to our

"FRESH COW SALE"

TO BE HELD AT

LIVERPOOL SALE PAVILION, SYRACUSE, N. Y.

NOVEMBER 20-21, 1918

About 200 Head **About 200 Head**

These are the starters, more to follow—

DELOS THOMPSON & SON, Oran, N. Y.
They have entered a 19-lb. two-year-old and a number of other well bred animals.

GEO. WINTER & SON, Chateaugay, N. Y.
These gentlemen are going to sell their son of Eva May Ellis 5th, the former world's record two-year-old, with over 31 lb.

F. H. HUETSON & SONS, Mexico, N. Y.
Their consignment is one of great quality and includes two daughters of a 25-lb. cow.

H. A. FISH, Mexico, N. Y.
Offers several first class animals.

H. L. HUMES, Harrisville, N. Y.
Offers ten real good ones.

J. C. EDDY, Williamson, N. Y.
He will sell a son of 30-lb. daughter of a 32-lb. cow, sired by a son of a 30-lb. cow, and King Segis Pontiac Alcartra.

M. F. GOULD, Cassadaga, N. Y.

C. W. ELLIS, Jr., Cortland, N. Y.
Will sell a number of near by springers.

FRANK JONES, Mapleview, N. Y.
Offers a nice consignment headed by a son of a 32-lb. four-year-old.

O. B. MOWRY, Mexico, N. Y.
Will sell a few nice heifers due shortly after sale time.

A. R. COOK, Newark, N. J.
He will disperse his entire herd at our sale, of nearly 40 head.

A. R. OWEN, Goshen, N. Y.
Sends ten unusually well bred ones.

IRA E. FITZGERALD, Chester, N. Y.
Will offer 20 young heifers due about sale time.

CHAS. E. HESS & SON, Phoenix, N. Y.
Consign a small but quality number.

HENRY MARSH, Richford, N. Y.
Consigns 12 well bred animals.

EAGLE BAY FARM, F. A. House, Supt.
Consign a son of a 31-lb. cow that averaged nearly 90 lb. of milk per day.

R. V. BACKUS & SONS, Mapleview, N. Y.
Will sell a five-year-old daughter of the great PONTIAC KORNDYKE, just fresh and a beauty from a 21-lb. three-year-old dam. Other nearby springers.

If you appreciate the profit in milk at the price it is today, you will attend this sale and obtain some fresh or nearby springers. Remember, this is a genuine FRESH COW SALE.

WATCH—More Details Next Week—WATCH

For Particulars Write

BACKUS BROS. PEDIGREE CO.

SALE MANAGERS :-: :-: MEXICO, N. Y.

PINE GROV

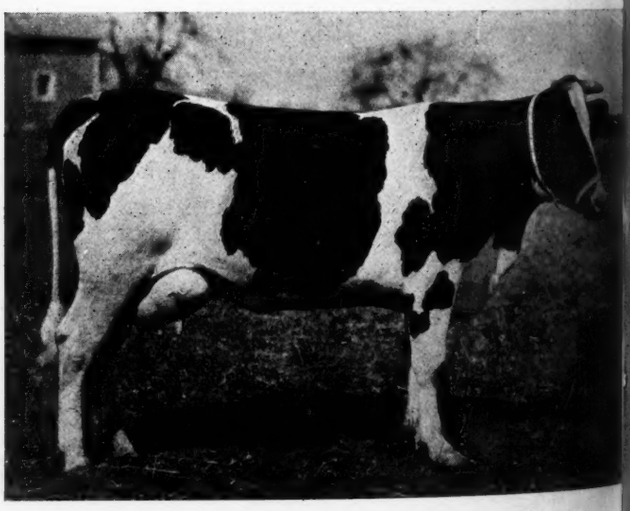
Home of the Wo ld's

RAG APPLE KORNDYKE 8th

"The Greatest Bull in the World"

His sons are just as good as his daughters

They Make Great Herd Sires



His Daughter

Fairview Korndyke Pietertje

30.18 lb. butter in 7 days.
117.29 lb. butter in 30 days
World's records when made.
The world's youngest 30-lb. cow.

OLIVER CABANA, Jr.

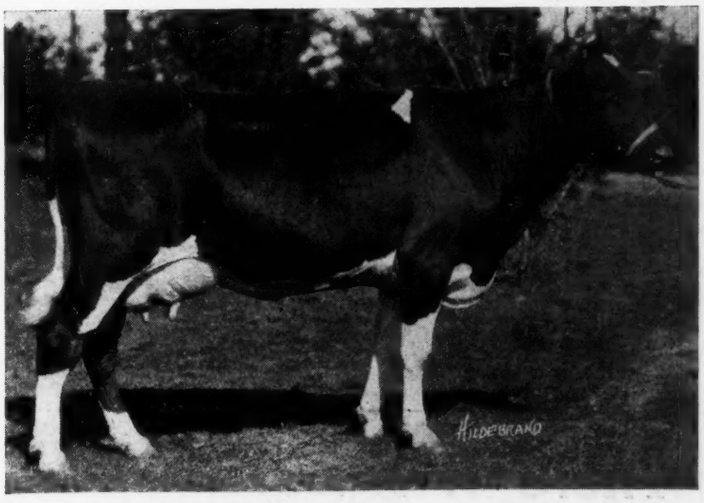
VE FARMS

d's Mightiest Sires

His
Daughter

Rag Apple Korndyke Pontiac

42.42 lb. butter in 7 days.



World's Record in Class

His
Daughter

Fairview Pontiac Rag Apple

31.02 lb. butter in 7 days as a junior 4-year-old.

800.68 lb. butter, 17,054.6 lb. milk in a year, calving at 26 months old.

ELMA, N. Y.

WAUKESHA

Holstein-Friesian Breeders'

130 PURE

The choicest offerings that Waukesha County, th at public

There Will Be:

The SIX highest record serviceable bulls for sale in the county, all with dams' records of about 30 lbs. and backed with 30 and 40-lb. backing for several generations.

EIGHTEEN other high record bulls, all over seven months of age, from high record dams and from 25 to 40-lb. sires.

EIGHTY choice young cows from two to eight years old with records up to 30 lbs., and bred to 25-lb., 30-lb. and 40-lb. bulls, to freshen this fall when milk sells for the highest price.

Twenty choice heifers from six months to one and one-half years old, of 25-lb., 30-lb. and 40-lb. breeding.

Our sales have always contained all choice animals and we can safely say, both as to breeding and individuality, this one surpasses that of any previous sale.

Remember:

1. All animals come from TUBERCULIN tested herds and all animals over six months of age are tuberculin tested under the supervision of the State laws prior to the sale. We have a reputation for selling healthy stock to maintain.
2. All animals of breeding age are guaranteed to be breeders at the time of sale.
3. Each animal consigned is inspected for fitness prior to sale by a committee of three. Inferior animals are barred from entry.
4. By-bidding by consignors or others in their interests will not be allowed. This is a sale.
5. Waukesha County contains more high record sires in service than any other county in the United States.

Catalogs now ready

Waukesha County Holstein-Friesian Breeders' Ass'n Waukesha, Wis.

Sale commences at 10 o'clock each day in new Sale Pavilion in Waukesha, Wis.

Auctioneers—Haeger, Mack and Love

COUNTY

Ass'n Sale, Nov. 12th and 13th

BREDS 130

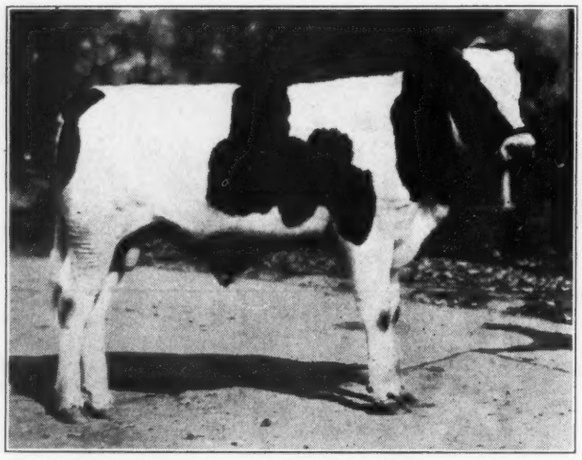
greatest dairy county in the world has ever offered
auction

— LIST OF CONSIGNORS —

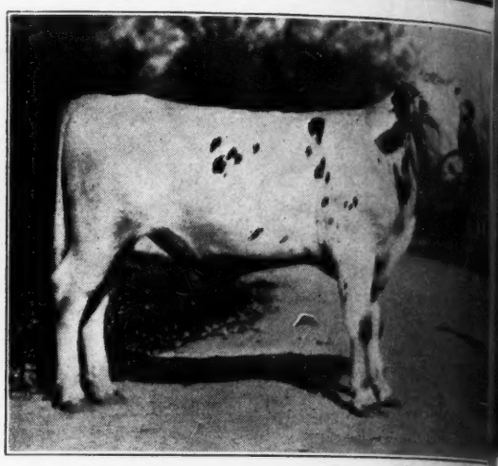
E. G. and J. W. Muckleston	Waukesha	7
Carnation Stock Farms	Oconomowoc	21
John J. Reid and Son	Oconomowoc	7
Pabst Stock Farm	Oconomowoc	1
Gustav Pabst	Oconomowoc	3
George J. Schuster	Mukwanago	6
Meadow Lane Farms	Waukesha	2
S. A. Baird & Son	Waukesha	4
John Wilton	Eagle	2
Frank Dechant	Waukesha	3
Alex Dechant	Waukesha	1
W. J. Wright	Waukesha	5
Geo. Dreyer	Dousman	8
Chas. Will	Sussex	15
A. H. Graser	Waukesha	1
A. J. Mitchell & Sons	Brookfield	3
Baird Bros.	Waukesha	2
W. J. Latta	Clinton	5
W. O. Briggs	Milwaukee	4
Frank Ludwig	Dousman	4
L. H. Garvens	Brookfield	5
H. H. Earle	Eagle	4
J. W. Howard	Genesee	4

Waukesha's largest and most reliable breeders

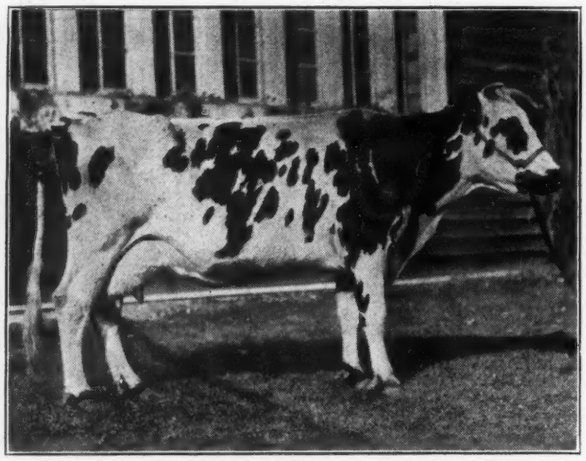
WAUKESHA COUNTY A



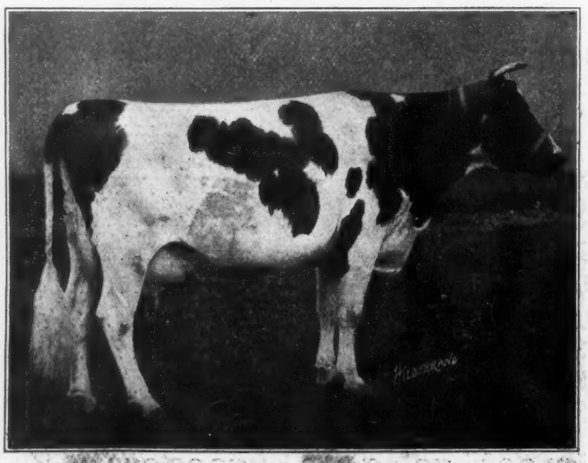
31.35-lb. bull sired by **Beauty Pietertje Prince,** a 32-lb. bull. See his pedigree.



Son of 32-lb. bull out of 27-lb. daughter of Johanna McKi Segis. Dam also has 753 lb. butter in 284 days. Still on test.



A 27-lb. daughter of the 32-lb. bull Beauty Pietertje Prince.



Butter 7 days 28.11
Butter 1 yr. 903.69
Milk 1 yr. 21,063.00
Now making a better yearly record senior and grand champion cow at the Wisconsin State Fair 1918. The kind sold at Waukesha.

NOVEMBER 12

The offerings include:

A two-year-old daughter of Beauty Pietertje Prince, fr a 29-lb. dam, bred to one of the best sons of Johanna McKi Segis.

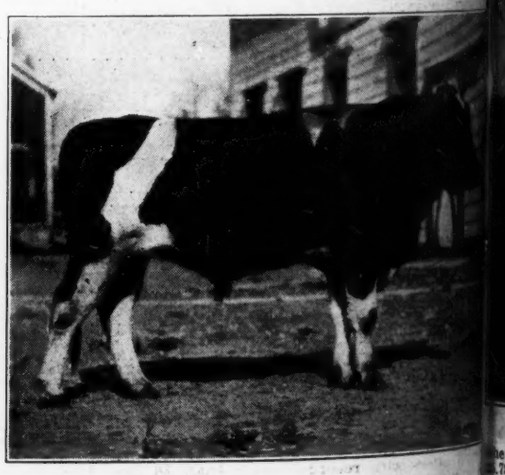
A 27-lb. daughter of Beauty Pietertje Prince, a 32-lb. bu bred to one of the best sons of the 40-lb. bull, Johanna M Kinley Segis.

A 30.73-lb. son of Korndyke Segis Johanna, the 112 bull and out of Pabst Snowball with 30.73 lbs. of butter. is now on yearly test and will, barring accident, finish w over 1,000 lbs. of butter in a year. The bull's six nearest da average 31.07 lbs. in seven days. He is 7-8 white and an cellent individual.

Three young serviceable sons of Sir Pietertje Ormsby M cedes 43d, a 34.59-lb. bull whose dam also has a yearly record 1250 lbs. of butter, making her the highest yearly record dau ter of Sir Pietertje Ormsby Mercedes. These bulls are out record cows as follows:

ASHBURN HENGERVELD DORA with 30.3 lbs. but She is a sister to a 29.4-lb. four-year-old.

ASHBURN SEGIS DEON LASS, with 27.1 lbs., a sister 33.6-lb. cow. This breeding is bound to produce.



A 30.51-lb. son of the great King of the Pontiacs, a vidual hard to fault. Just past 2 yrs.

ASSOCIATION SALE

Sir Pietertje Ormsby Mercedes 43d at 1 yr. 6 mos. Three -lb. sons of this bull consigned.

16-lb. 2-year-old daughter of Beauty Pietertje Prince.

12 and 13

ASHBURN SEGIS PAULINE LASS, 29.3 lb. and 26 lb. at yr., sister to 33.6-lb. cow.

A 26.5-lb. Junior three-year-old, bred to Rag Apple Korn-yke 8th. Fresh about sale time.

A young 25.5-lb. cow heavy in calf to a 31-lb. bull.

An eight-months-old calf, sired by Rag Apple Korndyke 8th, nd from a 20-lb. Junior two-year-old daughter of King of the ontiacs. This heifer is an excellent individual. Her seven earest dams average 29 lbs. Several 20, 22, 23, 24, 25 and 26-lb. ows bred to the best bulls in the county.

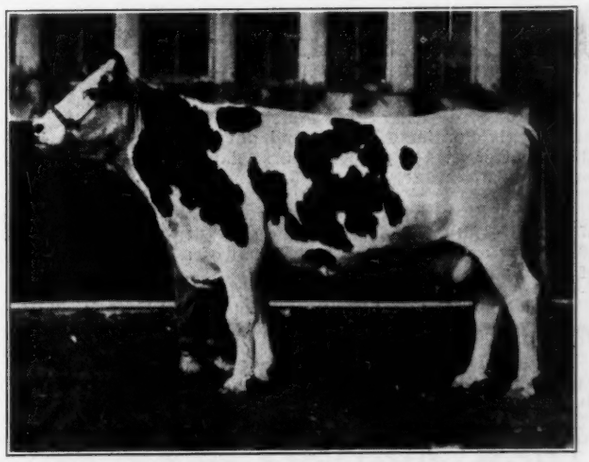
Several A. R. O. daughters of Beauty Pietertje Prince, a 32-. bull. They are now heavy in calf.

A 16-lb. 2-year-old daughter of Dairy Joe De Kol. She has sister with over 1000-lb. butter. Dam has records as junior year-old of 20 lbs. Her dam has 27 lbs. and 747 lbs. milk in 7 ys. State record when made. Sire of this heifer a 29.69-lb. ull. Due to freshen in December.

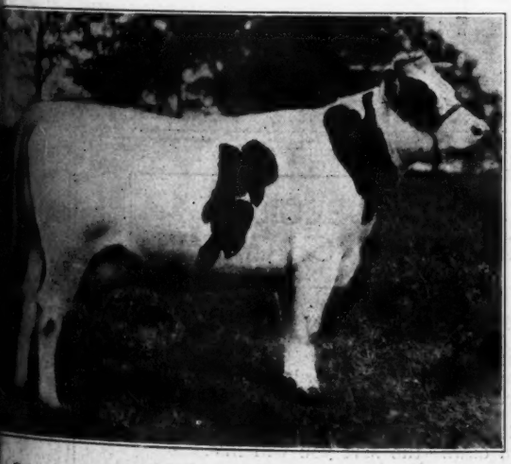
Sons and daughters of King Superba.

Sons and daughters of Maplecrest King De Kol 2d.

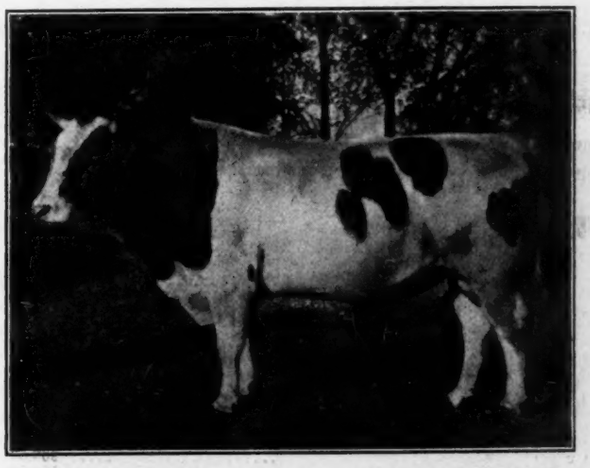
These are only a few of the most attractive animals that ve ever been offered at public auction. Not half has been ld.



23-lb. 5-year-old daughter of King Pontiac Hengerveld, heavy in calf.



Daughter of a 31-lb. bull with 4-yr-old record of 24 lbs. e has 5 sisters with records better than 30 lbs. One with .78 lbs. butter making her the highest record cow in county d second highest in the state.



King Pontiac Artis Sadie Vale, one of the best sons of King Korndyke Sadie Vale. Reference sire for several head consigned.

The Yates Farms

HOME OF

REX PONTIAC

A son of Spring Farm King Pontiac, from a 31-lb. dam. His first daughter made over 20 lbs. in 7 days at 2 years, and averaged over 60 lbs. milk per day for 30 days. His get are individually wonderful.

KING VALDESSA KORNDYKE

A son of King Pontiac Segis Korndyke, whose 2 nearest dams average nearly 34 lbs. and whose dam is the 38-lb. daughter of the first 40-lb. cow, Valdessa Scott 2d, dam and grandam averaging over 40 lbs. We are breeding the daughters of Rex Pontiac to King Valdessa Korndyke. The result should be desirable. For a bull bred along these lines, address

THE YATES FARMS

ORCHARD PARK, N. Y.

T. M. ADAMS, Mgr. HARRY YATES, Prop.

THE WILLINGTON HERD

Senior Sire—King Segis Pontiac Willington, 158145. The best son of King Segis Pontiac Alcartra and out of Prilly Princess Julia De Kol (30.44 butter at 4½ yrs.) His first daughter to be tested made at 21 months 23.97 butter, milk 390.5.

Junior Sire—King Korndyke Fannie Veeman, 199675. The best son of King Korndyke Sadie Vale, the only sire to have a 40-lb. daughter, a 40-lb. dam and a 40-lb. sister and out of a 30.51-lb. 3-year-old daughter of Sir Veeman Hengerveld.

Our herd is under the supervision of the U. S. Dept. of Agriculture and is guaranteed free from disease.

The only thing we have to offer is a very well grown bull born Feb. 21, 1918, sired by King Segis Pontiac Willington and from a 20-lb. 2-year-old. Priced right for quick sale.

This is a combination that cannot be beat.

GARDINER HALL, JR. & CO.

R. L. BIRDSALL, Mgr. SOUTH WILLINGTON, CONN.

BARLEY AND BREWING SITUATION

With the closing of breweries in the United States after December 1, any temporary dislocation in the barley market should cause producers little concern. Barley is an excellent livestock and poultry feed, and also it will be used to a larger extent than heretofore in making flour. New methods of milling this grain yield an excellent flour for which there is active demand.

The country will easily absorb the entire barley crop, according to Food Administration calculations, and the barley formerly used for brewing will, it is hoped, result in increased amounts of milk, meats, flour, poultry products and other important foods.

When barley is to be fed livestock, the grain should be crushed. Owing to the hard exterior of barley kernels, farm animals do not otherwise secure the greatest nourishment from it. The single exception is in feeding barley to poultry. When provided with ample grit, fowls derive full nourishment from the whole grain. This year's crop should assist materially in relieving the feed situation and the high level of prices for animal products makes the feeding of barley in excess of market demands both profitable and patriotic.

For Holstein Mothers

It has been estimated that a soldier has twenty-nine chances of coming home again to one chance of being killed.

A soldier has forty-nine chances of recovering from wounds to one chance of dying from them.

A soldier has one chance in five hundred of losing a limb.

Wanted—Farmer Family

To work a 120-acre, improved, Missouri farm on shares and co-operate with owner in getting into handling Holstein cows, pigs and poultry. Conditions offer every assurance of success to desirable people who want permanent location.

MRS. MARK MORRIN

Box 129, Route 2, Kansas City, Missouri

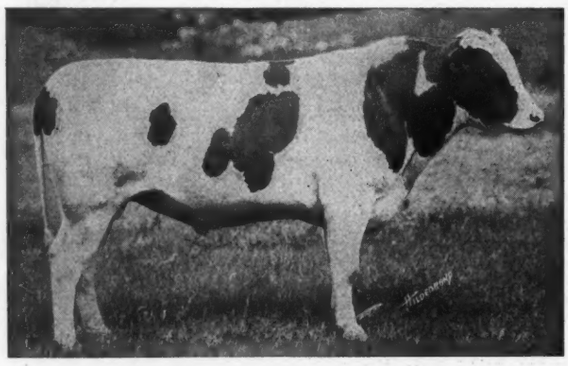
Typewritten Pedigrees

Four generations, each 50c
Three copies 75c
Sale catalogs per page, for 250 copies $2.50

Send name, number, sex and date of birth.

Property owners pedigree blanks and auction bills. Correspondence solicited.

JESSE WARD Alden, N. Y.



KING SEGIS KORNDYKE CHAMPION

His Two Nearest Dams Average 33.50

He is sired by a son of a 36-lb. cow from the highest record daughter of Lord Netherland De Kol.

We can sell you sons of this bull from good producing high record cows—the sort you will like.

MEADOWVIEW FARMS

W. S. Woodcock, Prop. Edwards, N. Y.

November 6—Brunswick, Ohio, C. M. Hatch Dispersion.
November 9—Lansing, Mich.; Dispersion Sale Esperance Farm Herd.
November 12—A. W. Morris & Sons, 80 head. Woodland, Calif.
November 12-13—Waukesha, Wis., Waukesha County Holstein Breeders, W. L. Baird, Secretary.
November 14—Floyd M. Pelton, La Grange, Ohio.
November 14—Frederick, Md., W. P. Morsell, Mgr.
November 14-15—Holstein Breeders Sale Co., Fond du Lac, Wis.
November 20-21—Liverpool, N. Y., at Liverpool Sale Pavilion. Backus Bros., Mgrs. Mexico, N. Y.
November 21—First Tulare Sale, Tulare, Calif.
November 21—Tulare, Calif. Breeders Combination Sale.
November 21-22—Inter-County Holstein Breeders Assn., Watertown, Wis. Francis Darcey, Mgr.
November 22—Ithaca, N. Y., Tompkins Co. Breeders' Association. C. Owen Carman, Sec'y.
November 26—Dixon, Ill., E. M. Detweiler.
December 3—Dispersal Sale Arbogast Brothers, Union Stock Yards, West Toronto, Ont.
December 10—Fort Atkinson, Wis., Gormley Bros., Dispersion Sale.
December 11—Dunville, Ontario, Canada, Niagara Peninsula Club Sale, W. L. Houck, Stevensville, Secretary.
December 18-19-20—Earlville, N. Y., Madison-Chenango County Breeders.
June 5, 6, 7, 1919—Philadelphia, Pa.; Moyer National Sale, H. A. Moyer, Director.
December 12—Wichita, Kan., W. H. Mott, Mgr.
December 18—Brantford, Ont., Can. Brant District Breeders Consignment Sale, N. P. Sager, St. George, Sec'y.
February 11, 1919—South Omaha, Nebr. Nebraska Breeders' Consignment Sale, Dwight Williams, Mgr.

Write the World about your coming sale, and we will gladly list it in this column without charge. It is a line of publicity that is closely followed by readers of the World. We wish to have it as complete as possible for their benefit, while incidentally you are the greatest beneficiary. Claim your dates and get organized early.

The Second National Dairymen's Sale

In spite of the influenza epidemic, which operated to keep down the attendance, the Second National Dairymen's sale at Columbus, Ohio, under the management of the E. M. Hastings Co., was a successful event. On account of the inability of several consignments to get through, a total of only fifty-seven head was sold, but these brought an average price of $412.90, making a sale total of $23,535. The top prices for the sale, as was to be expected, was the 47-lb. heifer, Kleeveldt Mata Korndyke, a yearling daughter of Fairview Korndyke Mata, the third highest record cow of the breed in the seven-day division, and World's Champion for 30-day production. She was consigned by W. C. Miller, and struck off to C. M. Hinman, Newark, Ohio, for $4900. The only other animal selling for better than a thousand dollars was Superba Nellie Konigen, a daughter of King Segis Pontiac Konigen, consigned by Pine Grove Farms. The dam was a 32-lb. daughter of a 31-lb. cow, and the heifer was in calf to the only 50-lb. bull, which made her a wonderfully cheap heifer at $1105. The purchasers were C. F. & F. J. Bigler, Sinclairville, N. Y. One outstanding feature of the sale was the number of southern buyers present. Dr. L. E. Morgan of Louisiana was one of the heaviest buyers, while Messrs, Orr, Moser & Evans of Texas were prominent in the bidding. There were also purchasers from South Carolina and Oklahoma. Wilco Farms of Willisville, Ill., were the heaviest buyers, taking a carload of the tops of the sale. The Lothian-Riverode Stock Farms, Novelty, Ohio, donated a bull calf of their popular breeding to be sold for the benefit of the Red Cross. Iowana Farms, Davenport, Iowa, were the first purchasers, re-donating the calf. W. H. Byron, Bartlesville, Okla., secured him on a $50 bid, and the third time he was sold for keeps for $100 to F. C. Ball, Mt. Vernon, Ohio. A collection was then taken, raising the total to over $350.

Following is a detailed report of the sale with list of all animals selling for $200 or over, and names and addresses of purchasers:

Consigned by D. G. Maxwell, Waterloo, Iowa.

1	K S P Onyx Hengerveld, E. M. Power, Kent, Ohio	$ 600.00
2	K S P Lady Tirania, L. E. Morgan, Baton Rouge, La.	250.00
3	K S P Queen Small Hopes, Wm. Hufford, Lebanon, Ohio	220.00
4	K S P Aaggie Pontiac, W. W. Stevens, Liverpool, N. Y.	480.00
5	K S P Korndyke Bess, Wilco Farms, Willisville, Ill.	395.00
6	K S P Copia, L. E. Morgan, Baton Rouge, La	265.00
7	Bull calf from Frederick De Kol, Edinboro Lake Farm, Edinboro, Pa.	335.00
9	Rag Apple Ormsby Skylark, Pettis Co. H. F. Co., Sedalia, Mo.	700.00
11	Josephine Calamo Segis Lyons, Dr. L. E. Morgan, Baton Rouge, La.	280.00
12	Lily McKinley Netherland, H. C. Reinhold, East Petersburg, Pa.	700.00
13	Queen Jetta De Kol Korndyke, Dr. L. E. Morgan, Baton Rouge, La.	300.00
14	Netherland Pauline Burke, G. W. Henne, Mansfield, Ohio	630.00
15	Stella Pontiac Ormsby, L. E. Morgan, Baton Rouge, La.	305.00
16	Stella Pontiac Dione, Lawrence Paumier, Louisville O.	480.00

Fourteen head brought $5940.00; average $424.00.

Clean Out Abortion

FROM YOUR HERD
IT CAN BE DONE BY THE PERSISTENT USE OF

Hood Farm Abortion Remedy

and

Hood Farm Breeding Powder

Hundreds of breeders have saved valuable cows and their calves by giving the Abortion Remedy promptly and freely on the first sign of abortion.

This Remedy strengthens the weak parts and helps hold the foetus. Its success has been remarkable.

Injection with Hood Farm Breeding Powder every day for 21 days before service, then every day for 21 days after service, destroys abortion germs, disinfects the organs and keeps cows in a normal, healthy breeding condition.

PRICES: Abortion Remedy, prepaid, $1.25, $2.75 and $9. Breeding Powder, prepaid, $1.15, $2.75 and $5. Injection Tube, by mail, 90 cents. One medium Breeding Powder, one medium Abortion Remedy, one Tube, prepaid, $5.75.

Write for full information. Mention this paper.

C. I. HOOD CO., Lowell, Mass.

WANTED

A thoroughly reliable barn man to assist in taking care of pure bred herd. A very attractive position to the right man under favorable conditions. For full information call or address

QUENTIN McADAM
BROTHERTOWN FARMS
Utica, N. Y.

POSITION WANTED

By American, married with one child. Life-long experience with live stock. Seven years in former position. Desire position as assistant herdsman in Holstein herd in Wisconsin or adjoining State. References furnished. Give salary and full particulars first letter. Free December 1st.

Edsil L. Huntoon Waupaca, Wisconsin

HERD SIRE FOR SALE

His dam and the two nearest dams of sire have records which average 662.1 lbs. milk 31.49 lbs. butter in 7 days. He is ¾ white, fine individual, kind and sure and the price is low. Write for pedigree.

H. M. LYON
Wyalusing Pennsylvania

WANTED

To hear from owner of good farm for sale. State cash price, full description.

D. F. BUSH
Minneapolis, Minnesota

AUCTIONEER

For an auctioneer and one that knows values of both purebred and ordinary livestock, write or wire me early for dates as I sell 95 per cent of all sales in this section of the country.

F. H. HEMBROOK Chetek, Wis.

DO YOU KNOW?

1—That King Walker Johanna Lad heads the Summit Farms herd of over 100 head of pure bred Holsteins?

2—That he is sired by the great King of the Black and Whites who was the first bull of the breed whose seven nearest dams averaged over 30 lbs. butter in 7 days?

3—That his dam is the best daughter of the famous Lottie Walker Spofford, the first cow in the U. S. to make four consecutive records above 30 lbs.?

4—That he is being bred to the elite of our herd including the 33-lb. junior 3-year-old Champion of New England?

5—That his daughters are a splendid lot, showing a constitution and individuality conforming with the ideal dairy type?

6—That we are offering several straight, handsome sons from A. R. O. dams that are ready or nearly ready for service at prices that are within the grasp of the average dairyman?

Prices and pedigrees furnished upon request.

Summit Lumber Co.

Davidson, Maine

FOR SALE

Two females 3 and 4 years old. Korndyke breeding, good size. Guaranteed all right. Bred to a 26-lb. grandson of Admiral Walker Pietertje. Price $300 for the pair.

HOMESTEAD FARM
Theresa, N. Y.

Just the Bull You Have Been Looking For—A show animal, 2 yrs. old, kind and gentle. Handsomely marked, largely white, with strip on face. His sire is a young bull with 8 A.R.O. daughters; is out of a 37-lb. sister to Rag Apple Korndyke 8th. Own dam a fine, square individual, with perfect udder, well placed teats, splendid veining or the nicest cow to milk you ever sat under. We made 27 lbs. as a 4-yr-old on her last February and feel we can easily beat 30 next time. If you want a sire that will get quality or type along with the best blood lines or big production here is your chance. Price $500; guaranteed right. **Archie Reid, Janesville, Wis.**

Consigned by Pine Grove Farms, Elma, N. Y.

19 Superba De Vries Rag Apple, H. J. Schneider, K. C. Hoover, W. C. Herman & Son, Toledo, Ohio. 910.00
22 Fairmont Vadora Erna, Wilco Farms, Willisville, Ill. 710.00
24 Superba Nellie Konigen, C. F. & F. J. Bigler, Sinclairville, N. Y. 1105.00
Three head brought $2725.00; average $908.

Consigned by Emblagaard Dairy, Marquette, Mich.

35 Emblagaard Newberry, Wilco Farms, Willisville, Ill. 265.00
36 Bull calf from Northern Fobes Denver 2d, Rodgers & Hayes, Springfield, O. 455.00
37 Bull calf from Emblagaard Alma, Prof. A. C. Anderson, East Lansing, Mich. 275.00
38 Emblagaard Colantha Lillian, Wilco Farms, Willisville, Ill. 385.00
39 Emblagaard Colantha Dingle, Wilco Farms, Willisville, Ill. 315.00
40 Emblagaard Colantha Mooie, Ohio Board of Administration, Columbus, Ohio 450.00
41 Emblagaard Colantha Tehee, Wilco Farms, Willisville, Ill. 395.00
43 Emblagaard Princess Rose, Wilco Farms, Willisville, Ill. 415.00
44 Westside Ladoga Veeman Burke, Wilco Farms, Willisville, Ill. 405.00
Nine head brought $3360.00; average $373.00.

Consigned by H. J. Schneider, Toledo, Ohio.

46 Female calf from Clytice Netherland 2d, A. D. Blackburn, Cuba, Ohio 235.00
47 Female from Clytice Netherland 2d, A. D. Blackburn, Cuba, Ohio 235.00
Two head brought $470.00; average $235.00.

Consigned by W. D. Herman & Son, Toledo, Ohio.

55 Prilly Chaffee De Kol, Walter Sheets, Lebanon, Ohio. 290.00
56 Coboca Pontiac Ormsby, Wilco Farms, Willisville, Ill. 300.00
57 Nanne Mechthilde De Kol Pontiac, Franklin Maroney, Washington, Pa. 315.00
Three head brought $905.00; average $301.00.

Consigned by William C. Miller, Newark, Ohio.

58 Kleeveldt Imperial Segis, Pine Grove Farms, Elma, N. Y. 260.00
60 Kleeveldt Imis Segis, F. C. Ball, Mt. Vernon, Ohio 225.00
61 Kleeveldt Gay De Kol, Daisy Hill Farms, Chagrin Falls, O. 285.00
79 Kleeveldt Mata Korndyke, C. M. Hinman, Newark, Ohio 4900.00
Four head sold for $5670.00; average $1417.5.

Consigned by C. N. Herold, New Canaan, Conn.

64 Lanedale Segis Christopher, W. H. Byron, Bartlesville, Okla. 310.00

Consigned by Ray Meeker, Muncie, Ind.

66 Kathleen Spofford Ormsby, R. E. Haeger, Algonquin, Ill. 500.00
69 C. P. Queen, Franklin Maroney, Washington, Pa. 305.00
Two head sold for $805.00; average $402.50.

Consigned by Niagara Maid Farms, East Aurora, N. Y.

73 Rica Korndyke De Kol, Lawrence Paumier, Louisville, O. 310.00
74 Attica Burke Segis Bess, Lawrence Paumier, Louisville, O. 385.00
Two head sold for $695.00; average $347.50.

Consigned by Chester E. White, Ames, N. Y.

76 Segis Pontiac Maggie Konigen, Dr. L. E. Morgan, Baton Rouge, La. $255.00

The Scott Dispersal Sale

At the dispersal of the herd owned by the late F. W. Scott held at Granville, N. Y., on October 8th under the management of M. W. Hicks 49 animals were sold for $10,550 or an average of slightly better than $213. The high price of $495 was paid by E. M. Parrott of Lake George, N. Y., for Grace Mooie Fayne Homestead a 21-lb. 3-yr-old granddaughter of De Kol Clothilde Artis and Mooie Fayne De Kol. The herd sire, Briar Pontiac It, a son of It from a 29-lb. daughter of Changeling Butter Boy was purchased by J. W. Kelley for $325. Mr. Kelley is establishing a new herd at his place in Vermont and apparently has made a very wise selection for his first sire. A report of the sale follows:

Reference Sire A. Briar Pontiac It, J. W. Kelley, Williston, Vt. ..... $ 325.00
No. 1. Mechthilde Netherland 4th, M. H. Haskins, Middletown Springs, Vt. 165.00
No. 2. B P I Parthenea De Kol, G. F. McCotter, Middle Granville, N. Y. 165.00
No. 3. Veeman Susie Heng., E. J. Searl, Lowville, N. Y. 230.00
No. 4. Briar Pont. Hartog, M. H. Haskins 230.00
No. 6. Briar Korn. Hartog, G. F. McCotter, Middle Granville, N. Y. 155.00
No. 9. Briar Korndyke Rebecca, G. F. McCotter, Middle Granville, N. Y. 205.00
No. 10. B. P. I. Rebecca, Christopher Carnes, E. Greenwich 180.00
No. 12. Briar Magadora, Newman & Regg, Manasquan, N. J. 170.00
No. 13. Briar Patricia Korn., Newman & Regg, Manasquan, N. J. 300.00
No. 14. Briar Johanna Magadora, Newman & Regg, Manasquan, N. J. 255.00
No. 15. Briar Korndyke Johanna, S. J. Lobdell, Wells, Vt. 235.00
No. 16. B P I Korndyke, Newman & Regg, Manasquan, N. J. 200.00
No. 19. Briar Korndyke Mercedes, G. F. McCotter, Middle Granville 230.00
No. 20. Fairview Segis Malinda 2d, Christopher Carnes, E. Greenwich 175.00
No. 21. Arlock Aaggie Alban Pontiac, Fred LaGosh, Granville, N. Y. 200.00
No. 24. Jessie Pontiac Prilly, Christopher Carnes, E. Greenwich 165.00
No. 26. Susan Ormsby Johanna 2d, E. M. Paurett, Lake George, N. Y. 165.00
No. 27. Bonanza De Kol Beauty, A. J. Maynard, Hanford, N. Y. 155.00
No. 28. Priscilla Fairview, Don C. Ayers 190.00
No. 31. Mechthilde Abbekerk, Burns 350.00
No. 33. Briar Korndyke Lita, J. W. Kelley 170.00
No. 36. Hillside Pietje Lenette, J. W. Kelley 245.00
No. 37. Briar Pietje Lenette, J. W. Kelley 175.00
No. 38. Pietje Tryntje De Kol, A. J. Maynard, Hanford, N. Y. 200.00
No. 39. Male born Dec. 28, 1917, A. J. Maynard, Hanford, N. Y. 200.00
No. 40. Briar Princess Korndyke, M. H. Haskins 150.00
No. 41. Grace Mooie Fayne Homestead, Edw. M. Parrott, Lake George 495.00
No. 42. B P I Mechthilde Abbekerk, J. W. Kelley 200.00
No. 43. Briar Korndyke Agnes, Claude E. Rogers, West Pawlet, N. Y. 165.00
No. 45. Arlock Janet Segis Pontiac, S. J. Lobdell, Wells, Vt. 300.00
No. 48. Arlock Aaggie Pet, Fred La Gosh, Granville, N. Y. 340.00
No. 49. Arlock Aaggie Korndyke, Christ Carnes, E. Greenwich 150.00
No. 50. Briar Nellie Korndyke, Ed. Gibson 210.00
No. 52. Briar Princess Luecke Korndyke, Christ Carnes, E. Greenwich, Vt. 250.00
No. 53. B P I Lightsome, H. Stevens, Granville, N. Y. 175.00
No. 54. Pacha Emma Burke, Christ Carnes, E. Greenwich, Vt. 205.00
No. 55. Korndyke De Kol Bergsma 3d, E. Searl, Lowville, N. Y. 150.00
No. 57. Imperial Johanna Hope 3d, E. Searl, Lowville, N. Y. 290.00
No. 58. B P I Nellie, S. P. Wright 230.00
No. 59. Hope Imperial 5th, E. Searl, Lowville, N. Y. 270.00
No. 60. Briar Mechthilde Princess, J. W. Kelley 235.00
No. 61. B P I Princess, Christ Carnes, E. Greenwich 210.00
No. 63. Susie May Segis 2d, L. A. Ayers 225.00
No. 64. B P I Mechthilde, J. W. Kelley 160.00
No. 66. Imperial Veeman Hengerveld, J. W. Kelley 200.00
No. 67. B P I Pontiac, G. F. McCotter, Middle Granville 205.00
No. 68. Bos Aaggie Veeman, E. Searl, Lowville, N. Y. 200.00
No. 69. B P I Annie, J. W. Kelley 200.00

Established **Brookside Herd** in 1876

The Fountain Head of Holstein Aristocracy

R. J. STEVENS, Owner, -:- Liverpool, N. Y.

When you consider that when such names as Pontiac Korndyke, Hengerveld De Kol, King of the Pontiacs, Belle Korndyke, De Kol 2d, Helena Burke, Milla's Pietertje Netherland, and many other equally famous, are mentioned, that the hand of Holstein History points straight at Brookside Herd,—then you realize why our herd is truly "The Fountain Head of Holstein Aristocracy."

When You Purchase from this herd you purchase reputation founded upon years of successful breeding. This is of great value to you.

I HAVE TO OFFER

Sons of

KING MODEL **SIR PONTIAC WALDORF PIETJE**

from tip top dams, and best of all they are priced right, and if you want a Bull just write me and I'll certainly try to do business with you.

I have some fine Bull calves at Farmer's Prices.

YOU are cordially invited to visit Brookside Herd. Your visit will be gratifying to me and I feel sure will pay you for the effort. The farm is easy of access, being but a half hour's trolley ride from Syracuse. To reach farm take Liverpool car on Salina St., and get off at stop 25. Farm office two blocks up, off of Vine St.

DUCHESS SKYLARK ORMSBY
The world's record for yearly butter production. Her figures are 1,506.34 lbs. butter from 27,-761.07 lbs. milk. Her 7-day figures are 34.35 lbs. butter from 588.1 lbs. milk.

A Combination of Champions

Colantha Johanna Champion 45674

Son of Colantha 4th's Johanna

Sir Ormsby Banostine Champion 166276

Son of Duchess Skylark Ormsby

COLANTHA 4th's JOHANNA
Her butter records in all classes were world's records when made. Her figures are:

	But. lbs.	Mk. lbs.
7 days	35.21	651.70
30 days	138.54	2873.6
8m. after calv.	21.6	478.6
365 days	1257	27,432.

WE BELIEVE in the yearly record, the official demonstration of year-in, year-out production. We have sought to get the best yearly record breeding of the world and there is no better combination than that of the first great World's Champion, COLANTHA 4th's JOHANNA, and the present world's Champion, DUCHESS SKYLARK ORMSBY. These two wonderful animals are the foundation cows from which we are building a great herd of yearly producers. And we have 22 cows which average 875.82 pounds of butter and 20,969.8 pounds of milk, all of which have made better than 600 pounds of fat in one year. COLANTHA JOHANNA CHAMPION now has 49 A. R. O. daughters; we have 53 of his daughters, 39 of them not yet in milk. They are being bred to SIR ORMSBY BANOSTINE CHAMPION, and as fast as they freshen they are put on official test for 365 days.

We offer bull calves of this great combination of breeding.

EMBLAGAARD DAIRY **Marquette, Mich.**

Nothing Is More Important

DO YOU think of Digestibility as being just a big, vague word which has little or nothing to do with anything in particular in your line of business.

Or do you think of Digestibility as being something which really has some definite connection with the amount of money to be made from the dairy?

There isn't a thing about the dairy business any more important than Digestibility.

BUFFALO
CORN
GLUTEN FEED

When you pay a good price for coal to burn in the heater, and get a lot of clinkers, you don't think you have gotten your money's worth, do you?

You are up against the same thing in feed. Feed that runs 'way down in Digestibility is just as poor a buy as clinkery coal.

Feed has to break down and get through the cow's digestive tract in order to make milk. Unless a big share gets through, you lose.

1,614 of the 2,000 pounds in a ton of Buffalo Corn Gluten Feed are milk-bucket possibilities. Look over the list and see what runs higher in Digestibility.

Corn Products Refining Co. New York Chicago

FOR SALE—One Bull, Price $500

Hazelhurst Jershua Prince 197592 H F H B

Calved March 21, 1916. Black and White.

His sire, Walker Champion Prince 138776 H. F. H. B.
His dam, Hazelhurst Jershua De Kol 206177 H. F. H. B.
Also one cow, price $300.00—Clothilde Topsy Korndyke 351675 H. F. H. B. Calved January 30, 1916. Black and White. Her sire, Korndyke Nanuet Rag Apple No. 93230 H. F. H. B. Her dam, Topsy Clothilde De Kol Blosson No. 112442 H. F. H. B. She is due to freshen with her second calf about December 11th.

FRANK Z. MARTIN R. F. D. 2 East Earl, Pa.

HOLSTEINS AT AUCTION

Ithaca, N. Y.

NOVEMBER 22, 1918

50 selected animals including a large percentage of cows that are fresh or will freshen soon after the sale. These cows are bred to Prince Aaggie Wayne Ormsby whose six nearest dams average 32.8 lb. butter in seven days and 951 in one year. Vandercamp King Segis who has a 37.57 lb. dam, a son of Rag Apple Korndyke 8th from a 30-lb. ¾ udder cow and others of equal breeding.

Write for catalog.

TOMPKINS CO. BREEDERS ASSOCIATION, Inc.

324 East State Street Ithaca, N. Y.

B. V. Kelley, Auctioneer C. Owen Carman, Sec'y and Sale Mgr.

NEBRASKA AND CORNELL DIVIDE JUDGING HONORS

Awards of three scholarships valued at $700 each, seven silver loving cups and five gold medals for the student cattle judging contest of the National Dairy Show were made at the National Dairy Show. The contesting colleges were: Cornell, Ohio State, University of Nebraska, and the South Dakota State College of Agriculture.

The first three had full teams of three each. South Dakota was represented by only two men, and as a result could not compete for sweepstake prizes. The sweep-stake prize consisting of two scholarships awarded to the school and operated by the Iowa Dairy Separator Company of Waterloo, Iowa, was awarded to the team of the University of Nebraska. This team consists of M. N. Lawritson, Carl H. Powell and D. W. Spencer.

The Ayrshire loving cup for best judging of Ayrshires goes to the University of Nebraska. The loving cups for best judging of Guernseys, Holsteins and Jerseys all go to Cornell University. The National Dairy Show cup for best all around judging and Hoard's Dairymen cup for the same conditions both go to the University of Nebraska. The J. B. Ford loving cup, the second award in the same competition was awarded to Cornell. The DeLaval scholarship, offered by the DeLaval Separator Company for the best all around individual judging to M. N. Lawritson, University of Nebraska.

The Holstein-Friesian scholarship for best individual work in judging Holsteins went to Miss Elizabeth R. Cooke of Albany, from Cornell.

The National Dairy Show gold medals for best individual work are awarded to: M. N. Lawritson, University of Nebraska; Carl H. Powell, University of Nebraska; Lowell S. Huntington, Cornell; Daniel J. Carey, Cornell; and Elizabeth R. Cooke, Cornell.

The judges were: Prof. Robert Wylie, S. Dakota; Prof. H. H. Wing, Cornell; Prof. Eli Duncombe, Nebraska; and Prof. C. T. Conklin, Ohio State.

OKLAHOMA HOLSTEIN BREEDERS HOLD MEETING

A profitable and enjoyable meeting of the Oklahoma Holstein breeders Association held at Oklahoma the last of September. C. H. Roberts of El Reno, Oklahoma, is president of this organization.

Breeder Bones—Do you ever lay anything by for a rainy day?

Breeder Holstein—Oh! that's gone out of date now. Instead, I buy war saving stamps and Liberty Bonds for sunshiny days, in the future.

Petition From the Poor Public

Please. Mr. McAdoo, raise our wages so that we can pay the wages of the railroad men.

WE WANT TO START SOMETHING

By placing some one right at the top with a son of Idealze Pontiac Lass the 42½-lb. 4-year-old heifer that has the world's record for milk and butter combined in her class, and topped the National sale in females last June at $13,000.

And 12 young daughters of King Pontiac Pelham De Kol her full brother from A. R. O. daughters of King Segis, Colantha Johanna Lad, Tidy Abbekerk Prince, Clothilde Concordia and others. Records as high as 30 lbs.

The breeding and individuality is in keeping with the Idleaze quality and the price $12500.

Address—IDLEAZE FARMS St. Johnsville, N. Y.

A Grandson of the Great

King of the Black and Whites

and a Great Grandson of

Lottie Walker Spofford

A 4 Times 30-Lb. Cow

This calf is nearly 10 months old, more black than white. His dam is Carlotta Pietertje Spofford 2d, a 23½-lb. 3-year-old daughter of KING OF THE BLACK AND WHITES and Carlotta Pietertje Spofford, record 28.93 lb., and she is a daughter of the old cow, Lottie Walker Spofford, a 4 times 30-lb. cow and once over 29 lb., and her dam is the great Isabella Clothilde Walker, record 27.65 lb., and at 10 yr. of age she made 987.75 lb. butter and gave 22,082.9 lb. milk. Another daughter of Isabella is the dam of the cow that has recently made over 35 lb. in Mr. Moyer's herd.

The sire of this calf we are advertising is Judge Lyons, a bull whose 7 nearest dams all have records above 28 lb. and average over 32 lb., and the average production for milk for the 7 nearest dams for their best day is nearly 100 lb., and this can also be said of his 10 nearest dams.

Within the past few weeks we have sold 3 bulls from this sire for $3400.00. So if you want this one you'd better attend to it at once.

The bull advertised in the last issue of the World is sold.

A. A. HARTSHORN HOLSTEIN CO.

Hamilton, N. Y.

Highest Record Bull In Wisconsin

No other sire in Wisconsin is from such a high record dam as

WOODCROFT PERFECTION 119944

the young son of the wonderful dairy cow, Lady Perfection Korndyke.

This great cow is one of the only two cows in the world to have 40-lb. 7-day records and 1,000-lb. year's records.

She is the only cow in the world with the exception of the dam of the $53,200 bull having two records averaging 38.83 lbs. each, made from over 700 lbs. milk. She is the only cow in the United States having two 30-day records averaging 152.37 lbs. butter, each made from over 3,000 lbs. milk.

In addition, she is the grand champion show cow of her state.

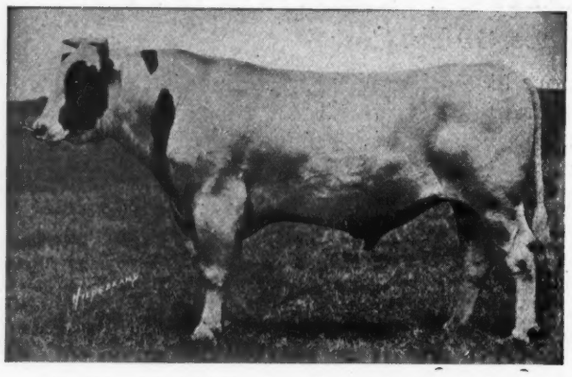
The sire of Woodcroft Perfection is Champion De Kol, a son of the wonderful producer and show cow, Aaggie Pauline Sarcastic (36.35 lbs. butter, 619.9 lbs. milk in seven days).

ISN'T HE YOUR KIND OF A BULL? SERVICE FEE—$150 FOR APPROVED COWS

JOINT OWNERS: AITKEN BROS., BAIRD BROS., S. A. BAIRD & SON, MUCKLESTON BROS., D. J. HOWELL — WAUKESHA WIS.

Will He Make Good ?

Absolutely No Question



Look at This ! ! !

Mollie Fayne Alcartra, 2 Years, 23.83

This is one of the very first daughters of KING PONTIAC FAYNE ALCARTRA to be officially tested. Her performance removes all doubt as to his future greatness.

He is a son of King of the Pontiacs, the only sire with three 40-lb. daughters; and his dam is Alcartra Fayne Burke, 30.87 lbs., a daughter of a 35-lb. sire, and the next dam Alcartra Polkadot Ormsby 2d, a 31-lb. daughter of old Alcartra Polkadot.

His calves are outstanding individuals and the choicest ever born at Bloomingdale.

One of his sons would do you a world of good.

BLOOMINGDALE HERD

SOMERVILLE, N. J.

A. A. Cortelyou, Proprietor Jacob Reger, Supt.

INCREASE PROFITABLE BUTTER-FAT PRODUCTION

The following are essentials in profitable butterfat production, according to Prof. H. H. Kildee:

Proper shelter in a warm, light, well ventilated barn. The leeward side of a barbed wire fence is an expensive shelter for milk cows.

A knowledge of the herd through the use of milk scales and the Babcock test.

Corn silage and clover or alfalfa hay as patriotic, profitable, palatable feeds.

A grain ration in proportion to milk and butterfat produced.

Fall calving as a means of increasing production as well as price at a time when more labor is available.

A bushel of grain fed before calving rather than two fed afterward. Prepare the cows for the milking period.

Water of moderate temperature. Ice water is not conducive to greatest milk production.

A milking machine in case of labor shortage.

Cooperation with the neighbors in organizing cow-testing associations and purchasing feeds in carload lots.

BETTER LATE THAN NEVER

Talk about slow beginnings! When Cyrus McCormick, the elder, invented the now famous "harvester," nobody believed in it—nobody wanted it. He advertised it; he offered it for $50. Nobody bit. Then, finally, one venturesome farmer bought one. That was in 1840 and Mr. McCormick was trying to sell his reapers in 1831. So he sold one reaper in nine years! The next year he sold another; but the next year more. Then came big business, for he sold seven in the succeeding season. This encouraged the young inventor. He put all the steam he could into selling and the next year sold twenty-nine. Last year the McCormick works turned out and sold 975,000 harvesters. If some of us Holstein breeders stuck to it as McCormick did in the face of any disappointments or discouragements which might arise, there would be no "little" breeders left in ten years. Determination recognizes absolutely no obstacles. It gets you where you want to go and what you are after when you get there.

SPRING FARM PONTIAC CORNUCOPIA Now Heads Wellsland Farm Herd

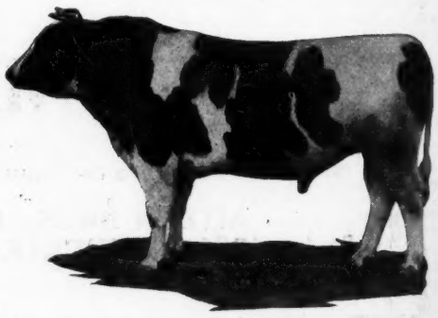
"The only bull with a 40-lb. dam and a 30-lb. 2-year-old daughter."

I have recently purchased this bull to head my herd. He is better known as the $15,000 son of K. P. Pontiac Lass, the first 44-lb. cow of the breed and as the sire of a number of the greatest bred young bulls of the breed.

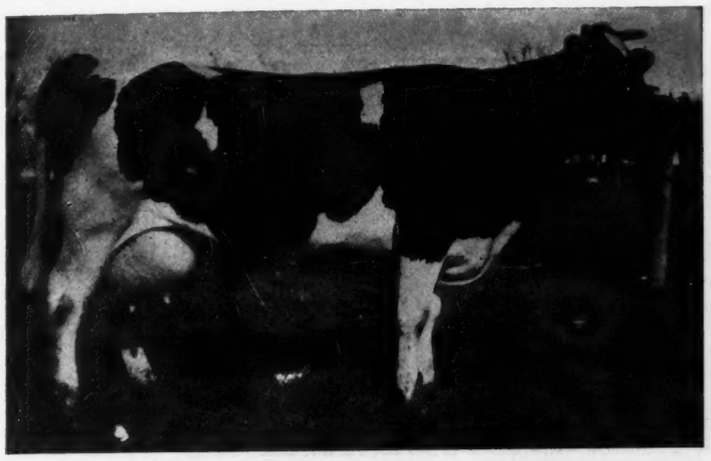
Since January 1st, two of his daughters have crossed the 30-lb. mark, one as a two-year-old and the other as a three-year-old, while a number of others are making right around 20 lbs. as two-year-olds. He now has 28 A. R. O. daughters, which list, because of his almost unparalleled opportunity, will be materially increased within a very short time.

This great sire will stand at the head of my herd and a few outside services can be booked, for this year at least.

Individually, Spring Farm Pontiac Cornucopia is one of the finest bulls of the breed.



N. W. SALMON Glenfield, N. Y.



WOODCREST CORNELIA PIETJE

BUY HER SON

Born Feb. 28, 1918

Sired by KING ECHO SYLVIA JOHANNA the sire of Carnation King Sylvia, the only $106,000 bull. King Echo Sylvia Johanna is by a son of May Echo Sylvia from Belle Model Johanna 2d 37.34-lb. His two nearest dams average 39.18-lbs.

The dam, Woodcrest Cornelia Pietje is one of the finest young cows in our herd. As a 3-yr-old she made 25.35-lb. butter, as a junior 4-year-old she made 32.01-lb. butter and within a year made a second record as a senior 4-year-old of 32.26-lb. butter from 508.1 lb. milk. She is sired by Pietje 22d Son, with four 30-lb. daughters, he a son of the greatest cow ever imported, Pietje 22d 31.62-lb. butter. The dam's dam is A & G Burke De Kol Cornelia with 22.71-lb. butter, she a daughter of the famous De Kol Burke. The dam, Woodcrest Cornelia Pietje is the dam of one 27-lb. 3-yr-old and her own splendid individuality in combination with the great records of May Echo Sylvia and Belle Model Johanna 2d should make her son a highly desirable calf.

Do not overlook the May Echo blood. Avondale is the fountain head. We can offer very choice grandsons of this cow sired by her son, Champion Echo Sylvia Pontiac.

AVONDALE FARM

BROCKVILLE, CANADA

A. C. HARDY, Owner H. LYNN, Herd Mgr.

Everybody Wants Them

BECAUSE THEY'RE PRODUCERS

The Long Distance Sort

PIETERTJE HENGERVELD SIR KORNDYKE

The Only Sire in the World with Five 18,000-lb. 2-year-old Daughters

His sons are all sold and we have no bulls of serviceable age. We can offer five young bulls from one month to five months of age, sired by K. P. B. A. FEDORA KING, he by a son of King of the Pontiacs from NOVELTY FEDORA HENGERVELD, a daughter of Pietertje Hengerveld Sir Korndyke, with a record of 29.38 pounds of butter in 7 days and 1022 pounds of butter in a year.

The dams are all sired by Lothian King De Kol Korndyke, a son of Pietertje Hengerveld Sir Korndyke and Lothian Maggie De Kol, that held the world's record for two successive years for both milk and butter by her production of 2258 pounds butter from 52,058 pounds milk. The second dams are by a son of King Segis and the third dams are by the great Aaggie 3d's Wayne Paul De Kol.

Two especially choice ones are grandsons of Pietertje Hengerveld Sir Korndyke from three-year-old heifers that have made up to 23.58 lbs. in seven days and 983 lbs. butter in a year.

Two of the calves are evenly marked and the others are dark. They are choicely bred and will be sold very reasonable if taken IMMEDIATELY.

Lothian-Riverode Stock Farm

Alexander Watt NOVELTY, OHIO L. M. Williams

CAN FARMERS GO IT ALONE

Note: Milo D. Campbell, Coldwater, Michigan, whose statement follows, has spent a large part of his time in Washington the last year representing the interests of milk producers throughout the country and also in serving as a member of the National Agricultural Advisory Committee. Mr. Campbell is also a member of the General Board of the National Board of Farm Organizations.

In Washington right now, there is a continuous hearing going on with the Food Administration upon the price to be paid for butter and butter fat for the next six months or year ahead. This will be followed upon other milk products.

The manufacturers and dealers are interested, organized and on deck to look after their interests. They are protected by sure profits fixed by the government, but are chiefly interested in the amount of business they will do—lower prices giving them a larger volume of business and consequently greater profits. The government is interested in getting these products as low as possible for the army and navy and for allied governments, thus leaving the farmer to stand the brunt of low prices.

The farmers, except through their organizations, are not represented at these hearings.

The government maintains that because farmers have not gone out of business during the last year, therefore, their business has been prosperous and that last year's price should prevail notwithstanding recent advances. The government maintains that feed is cheaper and conditions no worse for dairying, etc.

The representatives of milk producers who are here and have been struggling for a price that will give to farmers at least their cost for milk and butter fat, feel the need of a general organization of milk producers over the entire country.

If the industry is to succeed or survive it must organize. Farmers can no longer "go it alone" in these days. The National Milk Producers Federation now comprising all the greater associations of the country with hundreds of thousands of members, covering every branch of the industry from New England to the Pacific Coast, propose to extend these organizations for the protection of all of their members and if possible preserve the industry.

(Continued on page 64.)

A Son of

KING OF THE PONTIACS

FOR SALE

The sons of King of the Pontiacs are growing fewer in numbers each day, and the man that gets one of his young sons will be at the top for the next few years. We have a very choice youngster born in March of the present year.

His dam is by the great Johanna King Segis, recently purchased by Winterthur Farms. She has a record of better than 27-lb. and her sire is by a son of the great King Segis from Johanna De Kol Van Beers, the second 40-lb. cow of the breed.

It is almost impossible to get the blood of King of the Pontiacs in combination with that of one of the great 40-lb. cows and this opportunity to secure that very combination should not be overlooked.

Write us today.

G. G. BURLINGAME Cazenovia, N. Y. D. N. HARTT

KING PONTIAC KONIGEN

The Only Living Sire With Two Daughters Under Full Age Averaging 40-lb

WOODLAWN DAIRY LINCOLN, NEB.

ALLAMUCHY K. A. PERFECTION

Is Consigned to the

"FRESH COW SALE"

To be held at the

LIVERPOOL SALE PAVILION

November 20-21, 1918

DAM—Eva May Ellis 5th.....31.41 lbs. Butter in 7 Days

unequaled by any other first calf two-year-old in United States.

SIRE—Korndyke Abbekerk has several 30-lb. daughters including the great heifer Allamuchy Korndyke Rose, who made 30.60 lbs. in 7 days at 2 yrs. 6 mos.

Never before in the history of sales has a service bull been offered from a 31-lb. two-year-old heifer, having a 30-lb. sister, and the great show bull Paul Calamo Korndyke is his brother.

Just imagine, fellow breeders, what kind of a heifer it takes to make 31.41 lbs. butter at first calving. Therefore those who desire something on a par with the best should come to this sale determined to be the highest bidder.

GEO. WINTER & SON Chateaugay, N. Y.

Wisconsin Champions Bred and Developed at Hillside Stock Farm

Caroline Paul Parthenea, 9 yr.

30-day champion over all ages, 142.39. Former world's champion for two years' work.

Piebe Pontiac De Kol 3d, 4 yr., 5 mo.

Champion 8 months after calving, 15.49 lbs. Champion S. O. yearly, 907.06.

Johanna Piebe White, 2 yr. 4 mo.

Champion 8 mo. after calving, 16.55. Champion S. O. yearly, 904.35.

Five State Champions All Bred and Developed Here

We can offer young bulls bred in the most popular lines, backed by state champion and world's champion producers and GENERATIONS OF LONG-DISTANCE WORK at prices that will attract you.

For pedigrees, etc., address

R. J. SCHAEFER

Hillside Stock Farm **Appleton, Wis.**

NO WONDER

people come to Strickland Farm for pure bred Holstein cattle.

We like to serve our customers to the best of our ability, giving them good, sound cattle, the kind that make money for the other fellow.

We have a fine lot of yearling heifers and young heifer calves for sale and just now we have a splendid lot of young bulls around a year old and younger, sired by Spring Farm King Pontiac 14th, that are certainly beauties. They really have the size, color markings and individuality that makes the customer pleased the minute he buys some.

Now these young bulls are from good record dams. Dams with good square udders, and they will weigh from 1500 to 1800 pounds.

Just give us a call and a chance to fill your orders.

Correspondence promptly answered.

S. M. STRICKLAND

CARTHAGE **NEW YORK**

(Continued from page 62.)

They believe that farmers should form locals everywhere, no matter whether they sell whole milk, cream, butter or cheese. Milk producers should send to the National Milk Producers Association for a form for organization and get into the game. This is not a money making scheme; it is solely protective.

The National Milk Producers Federation is attempting to save farmers from the evils that are being inflicted upon them through the sale of worthless and deleterious products which are mixed with feeds and are being sold at excessively high prices by certain mixed feed dealers. It strongly favors the enactment of suitable legislation to remedy this situation.

This organization is acting in cooperation with the Department of Agriculture in making its plans for further organization.

Secretary-Treasurer is George Brown, Sycamore, Illinois. All communications should be addressed to Charles A. Lyman, Assistant Secretary, 615 Woodward Building, Washington, D. C.

Milo D. Campbell, President.
Coldwater, Michigan.

"And what do you call yourself?" contemptuously inquired an indignant wife. "A man or a mouse?"

"A man," answered her husband bitterly. "If I were a mouse, you'd be on that table by now, calling for help."

He Gets His First

The farmer is a happy man
To whom the fates assign the best
Accordingly to the present plan
He gets his first, and sells the rest.
—Washington Star.

"Do you think German should be taught in our schools?"

"I don't know anything about that, but I do know that English ought to be taught in German schools."

Horse Sense

Willie—Pa, when has a man horse sense?

Pa—When he can say "Nay," my son.

Patient (with a broken arm)—It's awful not to be able to do any war work while I am laid up.

Doctor—That's all right; my dear Mrs. Willney—your bones are knitting.
—Life.

75 PER CENT OF THE BLOOD OF SIR PIETERTJE ORMSBY MERCEDES 37th

We offer one of his best sons born February, 1918. The calf is light in color and from one of the good daughters of Sir Pietertje Ormsby Mercedes 37th. The second dam is Princess Colantha Jewel 3d, with 22.26-lb. in 7 days and 732.80-lb. butter from 15,701-lb. milk in a year. She is the dam of three A. R. O. daughters. The third dam has a record of 25.04-lb. butter in 7 days and 865.67-lb. butter in a year and is the dam of 5 A. R. O. daughters. This is a very choice calf and backed by the highest kind of breeding.

REMEMBER—We can sell a few very high class cows and heifers that are either daughters of or in calf to Sir Pietertje Ormsby Mercedes 37th. These are not cheap animals or culls. We need the room is the only reason for selling.

LONE PINE STOCK FARM **JOHN ERICKSON, WAUPACA, WIS.**

Do You Want Ormsby Quality?

KING PIETERTJE ORMSBY PIEBE at 16 mos.

The greatest yearly record sire in the world and the only bull with dam and grandam that average over 1312 lbs. butter and 29,641 lbs. milk in 365 days. His dam QUEEN PIEBE MERCEDES 1389.45 lbs. butter from 30,230 lbs. milk 365 days. World record 4-year-old for butter and world record heifer any age for milk. The sire's dam BESS PIETERTJE ORMSBY MERCEDES 1235.32 lbs. butter from 29,053 lbs. milk 365 days is one of the greatest of the BESS BURKES. We bought him because he was a linebred ORMSBY, his dam and sire's dam being the best two daughters of SIR PIETERTJE ORMSBY MERCEDES and because he was almost an exact duplicate of his famous grandsire, "the most ideal sire of the breed." Nearly half our sale offering will consist of his son and daughters and cows in calf to him. There will be over 16 of his young daughters that for quality, type and conformation are typical ORMSBYS. Every one from a heavy milking dam practically all with good records. They are line bred ORMSBYS with from 3 to 5 crosses of that breeding, and will be sold at

Elliott Brothers Dispersion Sale

WATERLOO, IOWA :-: DEC. 6th, 1918

We will sell WITHOUT RESERVE, our entire herd of

65 REGISTERED A. R. O. HOLSTEINS

Six cows with records from 30 to 32 lbs. butter seven days. A dozen sons and daughters of cows with 30 to 35.24 lb. butter records.

In addition to the offspring of the world record sire we will have 16 choice daughters of SIR GERBEN PAULINE, a 33.8-lb. bull. The first two pure bred daughters sired by him and the only ones that have yet freshened in mature form have just completed records of 34.8 and 30.54 lbs. butter 7 days. There are several daughters in sale that will be still better.

A 32-lb. cow with her 31-lb. 7-year-old and her 22.97-lb. jr. 2-year-old daughter who has a dandy heifer calf sired by King Pietertje Ormsby Piebe.

ORMSBY KORNDYKE LAD 7th, the 3-year-old herd sire and a bull of remarkable breeding, for both 7-day and 365-day records. His dam, 35.24 lbs. butter and 700 lbs. milk 7 days is a sister to Pellitier's Woodcrest Dora De Kol. His sire Ormsby Korndyke Lad is making a reputation second to no bull in the East, with daughters going above 30 lbs. at 3 and 4 years, and making world records in the 365-day and 8-mos. after calving divisions.

A breeders sale, as everything except the bull and 4 foundation cows were born on the farm. We have bred twice as many 30-lb. cows as any firm in Iowa.

Tuberculin tested and sold with a 60-day guarantee. Catalogs ready Nov. 15.

ELLIOTT BROS., Woodward, Iowa

R. E. HAEGER, Auctioneer

Hire A Salesman?

Of course you would if you thought it would pay. But to get a good one you would have to dig and dig deep. Yet, by having Hastings compile pedigrees of your stock you can have little silent salesmen working steadily for you at a very low cost.

Some breeders prefer loose leaf catalogs made the same size as auction sale catalogs, but arranged so that you can take out the pedigrees of animals sold and insert charts of new animals. You'll find these a tremendous help in corresponding. You can have these printed by your local printer. Talk this over with him and get his ideas. Try a few and **you won't have to pay big salaries** to high priced salesmen; these little, up-to-date Hastings Holstein pedigrees will do the trick. Just try them.

E. M. HASTINGS CO.

Lacona, N. Y.

Headquarters for pedigrees, catalogs and sale management.

SILVER BIRCH HERD HOLSTEINS MEXICO, NEW YORK

BUY HER SON

A Show Bull

His dam is B. K. P. Lilith that as a 5-yr-old made 29.18 lbs. butter from 640.7 lbs. milk in 7 days and 118.31 lbs. butter from 2641 lbs. milk in a month. Her dam has 87½ % the same breeding as Pauline De Kol Ophelia with 44.51 lbs. butter from 837.4 lbs. milk in 7 days and 140 lb. butter from 3379.7 lbs. milk in a month and sold for $7,100. This calf is sired by King Segis Beets Pledge, a son of King Segis Beets from a cow that made 33.07 lbs. butter in 7 days and 121.51 lbs. in a month. The two nearest dams of the calf average 31.12 lb. butter from 609 lbs. milk in 7 days and 119.91 lbs. butter from 2570.10 lbs. milk in a month. HERE IS JUST ONE OF THE BEST BULLS YOU CAN FIND ANYWHERE AND INDIVIDUALLY WE WILL STAKE HIM AGAINST MOST ANY BULL. IF YOU WANT A BULL THAT WILL MAKE YOU MONEY—BUY THIS FELLOW.

F. H. HUETSON & SONS Mexico, N. Y.

OUTDOOR PITS FOR STORING ROOT CROPS

Potatoes, cabbage and root crops can be stored cheaply and efficiently in outdoor pits or banks if no cellar is available. Select a well-drained spot for the pit; and a shady spot is preferable. Remove the surface soil to a depth of one foot from a circular area not more than seven feet in diameter. This will allow for a conical pile of vegetables four feet high containing about fifteen bushels. If more are to be stored, make additional pits or extend the one into a long low bank.

Potatoes and cabbage may be placed in the pit in direct contact with the soil, but for other vegetables it is better to line the pit with three or four inches of straw. When the vegetables are placed, cover them at once with a layer of straw, leaves or cornstalks to a depth of six inches, which will be all the protection needed until cold weather. Then a layer of earth from six to ten inches deep should be placed over the whole pile, and the ridge rounded off to shed the rain. To provide ventilation, the inner straw layer is allowed to protrude a few inches at the peak of the ridge. This should be sheltered by an inverted trough.

Large banks which are not opened until late winter or spring should be ventilated, says J. T. Rosa, Jr., of the University of Missouri College of Agriculture. This may be done in the way just described or by a rough flue made by placing three or four stakes in the center of the pile and extending them to the exterior. This flue will carry off some of the moisture and gases given off by the stored vegetables. The flue must be closed in very cold weather.

King Segis Pontiac Alcartra's last spring granddaughters for $100.00.

ROY M. CARTER
Friendship, N. Y.

CATTLE BEETS FOR SALE

DEAN M. BARBER
Skaneateles, N. Y.

PEDIGREES

4 generation, 3 copies $1.00
5 generation, 3 copies $1.75
Loose-leaf, 3 copies $0.75

These prices are for strictly up-to-date pedigrees, in two colors and contain all the facts regarding the animal.

We also furnish "B-B" Herd Registers, certificate envelopes, in fact all kinds of office forms for the up-to-date Holstein man.

Try us PLEASE.

SALE CATALOGS

A complete sale catalog at only $2.80 per page and we furnish 500 copies, all records strictly up-to-date. We make 50 sale catalog pedigrees per day. Samples on request.

Don't delay if you are planning on holding a sale—because it is sometimes necessary to turn away work.

Write us today.

BACKUS BROS. PEDIGREE CO. Mexico, N. Y.

The Watertown Holstein Sales Co.

Holds Its

FALL SALE

November 21 and 22, 1918

Never before have we offered as choice a lot of large straight rugged milch cows—records up to 30 lbs.

130 head have been O. K.'d by our inspectors.

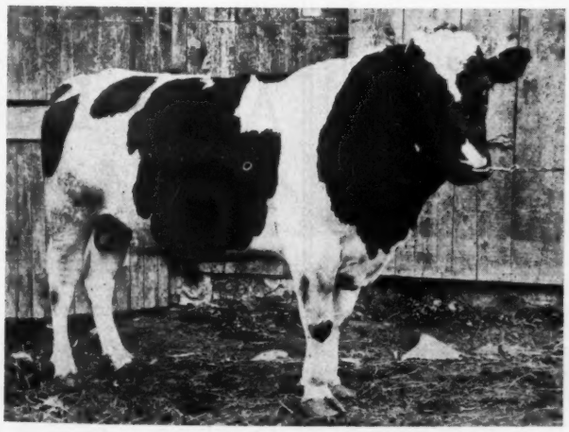
We have a splendid assortment of yearling bulls with records up to 31 lbs.

Our many patrons may rest assured that we have what they are looking for.

For catalogs write

FRANCIS DARCEY **Watertown, Wis.**

MODEL GLISTA KING SEGIS, 155346



FOR SALE

A 35.65-lb. Grandson of King Segis

Esperance Farm Dispersion

Lansing, Michigan

November 9, 1918

60 — Purebred Holsteins — 60

Model Glista King Segis is a son of Lakeside King Segis Alban De Kol, a New York State Fair Grand Champion from King Segis and a former world's champion 13-year-old. His three nearest dams average 31.-28 lbs. We have 23 of his young daughters included in our sale. Their type proves his worth.

23 DAUGHTERS 20 COWS IN CALF TO HIM 10 FRESH COWS

Several young sons old enough for service.

Farm located 2½ miles northwest of sugar-beet factory North Lansing.

Send for Catalog.

F. L. YOUNG, Owner **COL. J. E. MACK, Auctioneer**

THE BREED'S BEST BULL

King Netherland Segis Konigen

HE is a son of the Present **World's Champion junior four-year-old, 43.59 lbs.**
HIS DAM is the daughter of the Only Bull having a 43-lb. daughter and a 40-lb. full sister.
HIS SIRE is a son of a 40-lb. cow.

He Gets 50 per cent of His Blood from

King of the Pontiacs and Diona Konigen Pietertje, 37.44 lbs.

YOU can get his blood in your herd only by breeding your best cows to him. Had you not better arrange for service? **Write**

H. B. AYERS

7130 Meade Street **Pittsburgh, Pa**

OUR NEW HERD SIRE

King Korndyke Daisy Hengerveld

He is a son of King Korndyke Sadie Vale and his dam is S. V. H. Daisy, a 30.48-lb. daughter of Sir Veeman Hengerveld.

We have a few good cows bred to him for sale and will have some of his sons for sale this fall and winter. Will be glad to tell you just what we have to offer and our guarantee is back of every animal we sell. They must be just as we represent them.

FLOCK BREWING CO.

Williamsport, Pa.

Meadow Lane Holsteins

Waukesha, Wis.

Our herd has in it four 30-lb. cows, one of them a 34-lb. three-year-old with a thirty-day record of 143.97 lbs. which is a world's record.

We also have cows with records between 25 lbs. and 30 lbs. with yearly records over 900 lbs. Have two 20-lb. three-year-olds and a 25-lb. two-year-old.

Have for sale a bull calf seven months old out of a 20-lb. three-year-old and sired by King of the Black and Whites. Also have three other bull calves for sale.

Write us about them.

Aitken Bros.

Waukesha, Wis.

We Will Sell Ten Females

FOUR yearlings
SIX two to eight years old

All these are either 20-pound cows or out of 20- to 24-pound cows or from A. R. O. daughters of 20- to 24-pound cows.

Also Bull Calves by

Aaggie Cornucopia Johanna Lad 7th

One from a 31-pound cow.
One from a 26.91-pound daughter of a 34-pound cow.
One from a 24.87-pound twin sister to a 35.42-pound four-year-old.
Other ones as good.

Write or come and see them

McKay Brothers **Waterloo, Iowa**

DAISY HILL KORNDYKE AAGGIE

Born March 25, 1918

Seven-eighths White

A wonderful individual, exceptionally well grown with a straight top line, a good barrel, with a well sprung rib, and a really great bull.

His sire, Maplecrest Pontiac Burton, the highest record son of Pontiac Aaggie Korndyke, out of a world's record daughter of Friend Hengerveld De Kol Butter Boy. Making him the best long distance bred bull of the breed.

The dam, Forest City Pontiac Grace, the show heifer of Daisy Hill Farms, with a junior 2-year-old record of butter 18.47, milk 417 lbs. She is now on yearly test. Her dam has two yearly records, the last one she made 1049 lbs. of butter from 25,000 lbs. of milk. Here you have long distance breeding all through the pedigree.

DAISY HILL FARMS

J. A. REYNOLDS

Chagrin Falls Ohio

EVERY ONE A DAISY

Pontiac Aaggie Korndyke

The Long Distance Pair

Friend Hengerveld De Kol Butter Boy

Ten of Their Daughters
Have Produced
in ONE YEAR

12,047 lb. Butter **234,443 lb. Milk**

IT'S THE AVERAGE THAT COUNTS

1204.7 lb. Butter **4.1%** **23443.7 lb.** Milk

No Other Herd Has Two Such Sires at Its Head

Meet Success Through a Maplecrest Bull—

Charts and Information for the Asking

The Maplecrest Stock Farm Co.

CHARDON, OHIO

Buyers Opportunities

Here are big opportunities done up in small packages. The Sales Market of unlimited choice. Advertising in this department is accepted at regular rates and subject only to minor restrictions regarding style and typography.

A Spring Farm—Prilly
BULL CALF FOR $175

Exceptionally well grown, evenly marked, of excellent conformation. Nearly 8 months old. He is from a three-year-old daughter (19.54 lbs. butter, 375 lbs. milk, with first calf) of Prilly Princess Sir Inka, the sire of high testing ones, who is a good grandson of old Prilly, "Queen of the Breed." Sire of calf is Spring Farm Butter Boy, a good son of Tweede De Kol Lass (34.39), dam of the former world's record high testing cow, K. P. Pontiac Lass, 44.18.

$175 While He Lasts

Extended pedigree for all 'cept the "postal card curious."

Broadhurst Holstein Farm
Morrisville, N. Y.
which is in Madison Co.

RIVERSIDE STOCK FARM

Our service bulls previously advertised are all sold. We now have a few bull calves from one to three months old, sired by King Pontiac Boon Lilith 106026 and Colantha Sir Aaggie Hartog 162572. Dams are A. R. O. cows with records from 20 to 30 lbs. butter. Write quick before they are all gone.

A. W. BROWN & SONS
West Winfield, N. Y.

A Family Group Offered

One 24-lb. cow, three daughters and three granddaughters; one 27-lb. cow, a daughter with a 14-lb. two-year-old record, and two granddaughters. Another with a 17-lb. 2-year-old record and two of her daughters. All are good individuals, straight and right in every way.

E. W. ANDERS
R. F. D. No. 2 Norristown, Pa.

BULL CALVES

FOR QUICK SALE—A few choice young bull calves from a grandson of Hengerveld De Kol and from tested dams. Price $50 to $75.

Chenango Farms Hamilton, N. Y.

OUR PEDIGREE EXPERT

R. Austin Backus, has already booked a large number of sales for the coming sale season, as pedigree man in the box he knows Holsteins from A to Z and cannot fail to give you satisfaction.

Give him a trial—for further particulars, address

Backus Bros. Pedigree Co.
Mexico, N. Y.

Are You Watching

the sons and daughters of the great producing cow

Diona Konigen Pietertje

Her record	37.44
Her daughter's record	40.153
Another daughter at 4 yrs.	35.935
Another daughter at 3 yrs.	27.09
Her son's daughter at 4 yr.	43.52

4 daughters above 30 lbs.

I am offering some beautiful sons of King Champion, another of Diona's sons at reasonable prices. Write just what you want.

DON J. WOOD
West Winfield N. Y.

POSITION WANTED

By a

Thoroughly proficient, General Farm and Private Estate Manager of proven ability and exceptional record.

Present position includes successful management of one of the most extensive and prominent private estates in the east.

Well qualified in construction, improvements, reclamation of soil and animals. Specialized with Holsteins.

WILLARD BEST, Claverack, N. Y.

Bull Born December 18, 1916

Sire, CHANGELING BUTTER BOY (90 A. R. O. daughters). Dam, NETHERLAND ABBEKERK, a 22-lb. daughter of Tidy Abbekerk Prince. This calf has 75 per cent the same breeding as Changeling Tidy Abbekerk Wayne, 44.43 lbs. butter in 7 days with three-fourths udder. He is nearly all white, well grown, a splendid individual and ready for heavy service. For price and pedigree write

F. A. BLEWER Maplevale Farms
Owego, N. Y.

A 30-lb. Alcartra Bull—For immediate sale we offer a son of King Alcartra Butter Boy, 165964, who was by the $50,000 bull, and from the wonderful 32-lb. 4-yr-old Barbara Pietertje Butter Boy. Dam—Pauline De Kol Queen Hengerveld, 95236, (28.2 lb. butter, 565.1 lb. milk in 7 days; 118.77 lb. butter, 2416.8 lb. milk in 30 days.) **This means a 30-lb. average.** Born October 30, 1917—dark in color, and a faultless individual ready for service. Price $300.00. This kind goes quick. Address

H. H. Jones Cazenovia, New York

KING SEGIS PATENT LOCK

Ear Tags, Bull Staff and Rings. Description and prices sent on application. 200,000 of these ear tags have been sold without adverse criticism. 500 of these BullStaffs are used by the best breeders in this country.

A Sweet Syracuse

BULL

Dam—Butter 7 days, 25.08 lbs.; milk 716 lbs. She has two 29-lb. daughters.

Sire's dam—Butter 7 days, 31.30 lbs. She has a 30-lb. dam and a 31-lb. junior four-year-old daughter, making her the connecting link to three generations of 30-lb. cows.

Sire's sire—Three-fourths brother to the $50,000 bull and the $35,000 bull.

Born June 30, 1918. About evenly marked, very nice individual. $200 delivered. Write for pedigree and picture.

HOBART W. FAY
Mason Mich.

L. E. CONNELL

REGISTERED HOLSTEINS
ALWAYS FOR SALE

write me your wants before placing your order elsewhere.

FAYETTE, OHIO

Sold Out of Bulls

More Coming, Though

Poplar Hollow Stock Farm

Bertram D. Scott, Prop.
Sta. F. Minneapolis, Minn.

FOR SALE

4 heifers 2 years old, 6 heifer calves and 2 male calves—all by 30-lb. sire and dams from 25 to 32 lbs. On account of being crowded for room, will make low price on them.

J. W. GARVEY Thayer, Ill.

Here They Are For $500 Each

A grandson of Colantha Johanna Lad, dam 25½ lbs., sire 31-lb. son of Hengerveld Homestead De Kol, age 16 months. Also a 14-months-old great grandson of Aaggie Cornucopia Pauline. His dam has 31.12 butter and 610.50 lbs. of milk. We also have a well bred three-year-old that we will sell at a very low price.

Write for pedigrees.

EAGLE BAY FARM Silver Creek, N.Y.
F. A. House, Supt.

33-LB. BULL

Ready for Heavy Service

HAROLD F. HUBBS
KIRKVILLE NEW YORK

GOLDEN OPPORTUNITY

On account of poor health we offer for quick sale

Orchard Grove Farms

Consisting of 110 acres, located in rich farming district, well watered, very productive, nearly all under cultivation; together with 10 head pure bred registered Holstein cattle.

Price low for quick sale.
Any reasonable offer considered.

WILLIAM W. SHANNON
HILL CREST FARM
Carthage, Jefferson County, New York

BULL CALF
Born March 10, 1918

A fine individual from a good record dam that is also a great yearly producer.
Sire: FAIRMONT PONTIAC ALCARTRA KING. A son of King Segis Pontiac Alcartra and Tiny Fairmont Hartog Pauline, a cow that has three times made better than 32 lbs. with 33.07 lbs. from 645 lbs. milk as her best record.
Dam: CARRIE PET DE KOL CALAMITY 2d with a record of 25.5 lbs. butter from 551 lbs. milk. She is sired by a son of Vale Piebe De Kol. Her dam is Carrie Pet De Kol Calamity with a record of better than 23 lbs. butter from over 550 lbs. milk.
Here is a crackerjack bull for someone.

MAPLE KNOLL FARM
H. D. SEELY — Goshen, N. Y.

GRANDSONS OF K. P.

From good A. R. O. dams and by one of the best individual sons of King of the Pontiacs. They have real quality and are priced right. For information address

Chas. K. Record & Son
Peterboro, Madison Co. — New York

NOW READY FOR SERVICE

a few sons of TIDY ABBEKERK PRINCE from good dams. These are the last sons from that famous sire.

Henry Lathrop & Sons
Sherburne, New York

"BULL CALF"

Born June 15. Dam, Lockhart Bessie De Kol 2d No. 150641, milk 583.6, butter 24.85 at three and one half years. Sire, Lockhart King Lilith No. 203078, his dam 31 lbs., his sire's seven nearest dams all 30 lb. cows. Calf is a nice individual, little over one half black, good size. Price $100.00 if taken at once.

One other born March 16, 1918, from same sire. Dam an 18 lb. three year old. Price $125.00. Very light in color. Will be tuberculin tested, crated and delivered at Solsville with papers.

EUGENE LaMUNION, Prop.
LaMunion Holstein Farm, Solsville, N. Y.

DUTCH CORNER

strong in blood of the great Lyons family offers for sale registered cows and heifers. Daughters of Judge Lyons and Segis Lyons, bred to Governor Walker Lyons and King Lyons 3d.

John J. Walrath
East Springfield — New York

HEIFER CALF

7 months old calf, female, 4-5 white, extra good individual, well grown. Sire, K. K. S. Veeman Pontiac, No. 169078. Dam, Heksi Finesse Fancy 6th, A. R. O. as a junior 3 year old, 20.78 lbs. butter. She is sired by Duchess Ormsby Sir Model De Kol No. 46403, brother to Sadie Vale Concordia 4th, 41.06. Price $250. Have a few others of same age for less money.

D. W. MORRIS & SONS
West Winfield, N. Y.

HOW WOULD YOU BETTER THIS COMBINATION?

A son of King Korndyke Sadie Vale and **FINDERNE WAYNE PONTIAC,** a 25.55-lb. junior 2-year-old daughter of Gordon Glen Pontiac, from a 27.02-lb. daughter of Lord Netherland De Kol, and individually one of the finest cows you ever saw.

King Korndyke Sadie Vale Wayne is a son of King Korndyke Sadie Vale, from a 29-lb. daughter of Sir Veeman Hengerveld.

The four nearest dams of this calf average over 30 lbs. butter.

We have other very choice youngsters at reasonable figures.

JABEZ SMITH & SON — **Newark Valley, N. Y.**

THE FIRST TWO TESTED

The first two daughters of Waconda Sir Cornucopia Korndyke 113684 to be tested have made as follows:

No. 1—at 1 year 11 months 6 days, who dropped a calf at 7 months, has a record of 21.67 lbs. butter and 373.7 lbs. milk in 7 days, with 4.64 per cent fat.

No. 2—at 2 years 2 months, has a record of 17.365 lbs. butter and 338.2 lbs. milk in 7 days, with 4.1 per cent fat.

Owned by DAVID B. H. DALRYMPLE, Otselic, N. Y.

L. D. UPHAM, Lebanon, N. Y. — C. S. HOLCOMB, Plymouth, N. Y.

THE GREATEST BULL ON EARTH

SIR ORMSBY SKYLARK—He Sired the Champion Record Cow of the World, Duchess Skylark Ormsby

Sons of Sir Ormsby Skylark from high testing dams for sale. Will also sell my four-year-old junior herd sire, 35-lb. son of Johanna McKinley Segis and Pearl Ormsby Burke.

MAXWELL FARMS — **Waterloo, Iowa**

North Star Herd Offers

TWO BULL CALVES

20 lbs. at 2 Yrs. — **21 lbs. at 2 Yrs.**

Their dams have made 20 lbs. and 21 lbs. as two-year-olds and are sure 30-pound prospects. These calves are good enough to head splendid herds. They are fine individuals and well grown. Write us at once about them.

W. S. MOSCRIP — Lake Elmo, Minn.

COLLEGE KING SEGIS ALCARTRA 206680

Herd Sire of U. College Holstein Farm

As an individual he has no superior. As to breeding and pedigree but few equals. His sire the great $50,000 bull. His dam a 35.61-lb. former world's record four-year-old. ONLY THREE BULLS LEFT. From excellent A. R. O. dams. Just coming into service. Conformation and breeding right. If you want one of these you will have to hurry.

Harvey A. Morrison, President — **UNION COLLEGE**, College View, Neb. — Chas. Williams, Herd Supt.

RENGEDYKE FARM

EUGENE D. HOFELLER
Home of
TIDY ABBEKERK PRINCE 16th

Farm at Water Valley, N. Y. — Business Office Marine Nat'l Bank Bldg., Buffalo, N. Y.

IN THE

Northeastern Pennsylvania Breeders Sale

Wilkes-Barre, Penn., Oct. 23d

I will sell the great bull Sir Pontiac Wandermeere. He is from a 22-lb. sister to Wandermeere Belle Hengerveld and is by a son of Pontiac Aaggie Korndyke. Will also sell Towanda Whitey Hengerveld a son of Judge Hengerveld De Kol from a 19-lb. granddaughter of Colantha Johanna Lad.

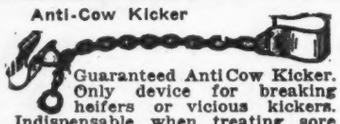
C. W. NEWMAN Wyalusing, Penna.

Zuyderz Superior Vander Lei

Born Sept. 10, 1917, from a granddaughter of Hengerveld De Kol and backed by Colantha Johanna Lad, Blanche De Kol Hengerveld, 33.20. Pietje 22d, 31.62, Colantha 4th's Johanna, 35.22, and Pietje Vander Lei Lad, the 5.06 per cent fat bull. Won't last long at the price.

ZUYDERZ HOLSTEINS L. B. TAYLOR Lake Mills, Wis.

Anti-Cow Kicker



Guaranteed Anti Cow Kicker. Only device for breaking heifers or vicious kickers. Indispensable when treating sore teats or udders. Money refunded if not satisfactory. Parcel Post $1.25. The Moore Bros. of Albany, N. Y. 149 Hudson Ave.

Registered Holstein Females

For Sale. Young cows, right in every way, tuberculin tested, to freshen this fall and early winter. Herd sire, Sir Korndyke Segis Beets 4th, from 27-lb. dam, average per cent fat 4.29. Also, daughters of above sire, from one month to two years.

C. E. MOON, R. F. D. 3, Canastota, N. Y.

DR. GEILS Udder Ointment

Has alleviated udder troubles in the herds of a number of breeders; it may solve a great difficulty for you.

The eastern editor of this paper has the original of the letter shown below:

"Dr. Geil, About two years ago—I sent you $5.00 for a remedy to be used for caked udders, or on cows about to be tested. It has lasted until now and I find it a most excellent remedy for all udder troubles where there is inflammation. I enclose check for $5.00, for which please send me that amount of remedy by parcel post."

The writer of the above letter is a well known New York breeder.

Send $5.00 for large can, enough to last for several years in the average herd. It will save its cost on the first case. Your money back if you want it.

DR. N. L. GEIL

BETHEL Ohio

Blemished A. R. O. Cows For Sale

We offer two blemished cows with A. R. O. records of 25 and 27 lbs. butter, bred to the only bull whose seven nearest dams are all 30-lb. cows. Priced to sell.

CRESDALE FARM

Vernon, N. Y.

Bulls—Bulls

all ages

Johanna and Ormsby breeding
Plenty of individuality
Unusual values
Satisfaction guaranteed or money refunded.
Send for pedigrees and details.

Pinehurst Dairy

Sheboygan Falls, Wis.

Blue Book

To Make a Real Success of His Business a Holstein-Friesian Breeder Must Have the Blue Book

Do you want to succeed in the business of breeding Holsteins? If you do, you need the Blue Book. Do you wish to aid in the improvement of the greatest dairy breed on earth? If you do, you must have the Blue Book. All experienced breeders consider the book indispensable in tracing the breeding and relationship of Advanced Registry animals, and no other kind should head your herd.

The 29th volume will be ready for distribution in November, and will contain about 1,500 pages of condensed information relating to Holstein-Friesian cattle. The official name of the book is the Advanced Register Year Book, and the price of the 29th volume is $2.25 per copy. We have yet a very few copies of the 24th volume, and a limited supply of volumes 25, 26, 27 and 28. These back volumes, except the 28th, may be had at $2.00 per copy while they last. The price of the 28th volume is $2.25 per copy. Subscribe now for the 29th volume, and be among the first to receive it. Send all applications with price to

M. H. GARDNER, Supt. A. R.
Delavan, Wis.

4.75% Fat

is the average of the fifty nearest female relatives of my herd sire, LONG BEACH DE KOL KORNDYKE, No. 85196, whose dam has a record of 30.86 lbs. of butter in 7 days; 5.53 % fat and 1226 lbs. butter and 4.59 % fat in a year, which makes her the highest testing cow of the breed.

His first ten tested daughters average 4.4 % fat, which makes him the highest testing bull of the breed. His baby sons from yearly record cows are for sale at $100 and up. Will sell on time or trade for Liberty Bonds.

O. I. C. Pigs for sale also.

David Falconer

Scottville, Mich.

Canada Breeds The Best

If You Want More Like

Carnation King Sylvia

The $106,000 Bull

or

Het Loo Pietertje

The $12,750 Heifer

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Where the Top-Notchers are Produced

All information from the Holstein-Friesian Association of Canada.

President—Dr. S. F. Tolmie, M. P., Victoria, B. C., Canada.
Secretary—W. A. Clemons, St. George, Ont., Canada.

A. R. O. COWS AND HEIFERS

We need more room in our barns and so have to offer a number of cows and heifers for sale. They are backed by several generations of A. R. O. records. Some have records in pedigree up to 41 lbs. butter in 7 days. Most of them are bred to our great King Korndyke Veeman whose two nearest dams average over 37 lbs. butter in 7 days. Write or come and see them.

WISCONSIN STAR STOCK FARMS Edwin M. Schultz Hartford, Wis.

In Service at

GRAHAMHOLM

Sir Winana Beets Segis

Two 30-lb. daughters, one with 35.38 lbs. He is a brother to the sire of the only 50-lb. cow and the only 46-lb. heifer. He is a son of the Great King Segis.

Write us for bulls of this breeding. Address

W. J. BOYNTON, Mgr.
Rochester, Minn.

FOR SALE

A carload of fine registered Holstein cattle at reasonable prices. Fifty head to select from. Senior sire, King Prilly Konigen, son of Diona Konigen Pietertje. 37.44, a brother of K. P. Diona Pietertje. 40.12. Junior sire, King Korndyke Pietertje Veeman, a son of King Korndyke Sadie Vale from a thirty pound daughter of Sir Veeman Hengerveld.

F. A. TINKER Herkimer, N. Y.

If You Want His Sons

The sons of King Segis Alcartra Pontiac move very fast and if you want one you better write me at once.

SUNNYCROFT HERD

C. B. MARSHALL
Morrisville, New York

Good Foundation Heifer

Born December 22, 1915. Seventy per cent white, straight, square udder, finely veined, easy milker. Due January 23d. Sired by a 29-lb. son of Sir Korndyke Pontiac Artis and bred to K. K. S. V. Poland, whose five nearest dams average 33.48 lbs. butter and 610.56 lbs. milk. Crated f. o. b.

F. Howard Judd, Linden, N. Y.

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HOLSTEIN-FRIESIAN BREEDERS CLUB
The Hub of the Hub for Healthy Holsteins

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One Dollar Each
Sale Catalogs, $2.60 per page
For three hundred copies

Give name and number of sire and dam of animals having numbers above 391505 in cows and 216625 in bulls.

F. G. JOHNSTON
37 W. Lane Ave. Columbus, Ohio

Only One Bull For Sale

And he is a Corker. Sire, a son of a world's record cow, 35.61 lbs. in 7 days; dam, daughter of Aaggie Cornucopia Johanna Lad, with 7, 30-day and yearly records. Averages over 30 lbs. for two nearest dams. Over 16 months old, ready for hard service. Have been holding him at $350. Too much bull not to be heading a herd. Can you use him at $200?

CLOVERDALE FARM
C. S. Lunt, Owner Charlotte, N. Y.

EVERY BREEDER SHOULD READ THIS

Lakeside Stock Farm now offers six grand bulls of various ages, from dams with A. R. O. records of 20 to over 35 pounds, also several others as good from dams with records as large, aged considered.

All are of the highest individuality, best type, excellent breeding for several generations.

The Lakeside Herd was the first in America to make a specialty of breeding for the highest individuality, with the largest production, straight top lines, perfectly shaped, well balanced udders, a high per cent of butterfat under normal dairy conditions, handsome markings and marked uniformity.

The Netherland, Aaggie, Clothilde and Albino families, each of which led the dairy world in their time, for both milk and butter production and some of whose records have never been equaled under similar conditions, were developed and made their world's records in the Lakeside Herd. Their descendants still constitute the leading factors in the herd.

More than four-fifths of all the cows in America which have made butter records of 30 to 50 pounds trace their origin to these families.

They possess all the most desirable, indispensable qualities of the breed.

E. A. POWELL

904 W. Genesee Street Syracuse, N. Y.

12 Unbred Yearling Heifers

Finely marked, white predominating. Veeman Pontiac and Korndyke breeding. Also 8 finely marked heifer calves, from a 33-lb. bull, Pontiac and Korndyke dams.

O. B. Mowry, Mexico, N. Y.

PEDIGREES
and
SALE CATALOGS
Compiled from our proven satisfactory system.

Herd Registers
Certificate Envelopes
Booklets : Circulars : Stationery
Special Art and Sign Department
Send for samples and prices

Live Stock Printing Company
La Grange, Illinois

TWO FOR $500

Bull ready for service; dam of sire holds world's record for milk and butter, 47 lbs. butter and 801 lbs. milk in seven days. Also two-year-old heifer by a sire who has a 40-lb. and a 32-lb. daughter. Heifer in calf to a 30-lb. grandson of Pontiac Korndyke. Good individuals, nicely marked.

JOHN WHALING & SONS
Carthage, N. Y.

SIRED BY A 33-LB. SON OF IT

Here's a youngster born September 20, 1918, more black than white and a great bred one. He is sired by IT REUBEN PONTIAC a son of It and K P Ruby Pietertje a 33-lb. daughter of King of the Pontiacs. The dam of this calf is untested but is sired by a 24-lb. son of King of the Pontiacs from a 20-lb. cow. Price $50. Better write today if you want him.

J. G. KERRICK Towanda, Penna.

TWIN SONS OF

King Korndyke Veeman Vale

112926

Every drop of whose blood carries an inheritance of GREAT PRODUCTION and SPLENDID TYPE, and who has proven his ability to transmit both in a remarkable degree to his offspring.

The dam of these young bulls has a record of 25.79 at the age of 3½ years. Here is QUALITY at a reasonable price. Soon old enough for service. Write for particulars.

P. R. Crothers & Son
Badger, S. Da.
F. E. Johnson, Hetland, S. Dak.

10 HEIFER CALVES--$100 to $125 EACH WHILE YOUNG

Handsomely marked fine individuals. Sired by my $3000 son of the world's famous bull, King Segis Pontiac Alcartra, the $50,000 bull from a $1950 daughter of the great century sire, Sir Veeman Hengerveld, sixteen 30-lb. daughters.

Dams of calves are fine large cows of world's record strains, weighing from 1200 to 1600 lbs. each Many have A. R. O. records. Herd tuberculin tested. Send for list of pleased customers and pedigrees. Express paid. Safe arrival guaranteed.

Bull calves $75 up. Cows bred to the above bull $300 up.

FAR VIEW FARMS Tyler Hill, Pa.
C. D. Fortnam, Prop.

LORENZO FARM BULLS

SIRED BY LORENZO PONTIAC KORNDYKE (son of Pontiac Korndyke, from a 31-lb. daughter of Pontiac Korndyke) from dams with records of 24 to 27 lbs.

SIRED BY LORENZO KING OF THE PONTIACS (son of King of the Pontiacs from a 28-lb. daughter of Johanna Rue 3d's Lad; 2d dam a 30-lb. daughter of a 23-lb. cow) from dams with records of 22 to 27 lbs.

The best breeding the breed has ever known at prices that mean quick sales.

LORENZO FARM

CHAS. S. FAIRCHILD, Prop.
E. C. HAVENS, Supt.
Cazenovia, N. Y.

Bull Calf—Born April 16, 1918

Sired by Sir Korndyke Pontiac Artis Jr. with 17 A. R. O. daughters up to 31 lbs. as 3-year-olds. He by Sir Korndyke Pontiac Artis (8 30-lb. daughters) from Maud Veeman Hengerveld, a 30-lb. daughter of Sir Veeman Hengerveld.

Dam of calf is Colantha Lillian Walker with 24.92 of butter from 572.5 lbs. milk. She by Colantha Johanna Lad (20 30-lb. daughters) from Lillian Walker 3d (28.74 lbs.). She by Sir Korndyke Manor De Kol from the famous Lillian Walker (24.04 lbs.). Every dam in this pedigree is above 24 lbs.

WALLACE HOLSTEIN CO. Wallingford, Conn.

Robert F. Hildebrand

The leading photographer of animals in the United States

Specialist in Holstein portraiture. Official photographer at all the leading livestock shows. Write me when you have anything to photograph. I may be in your locality next week.

New office and studio at Springfield, Mass. Main office at Union Stock Yards Chicago, Ill.

7-8 Holstein Heifer Calves
$20 to $25 Each

SPOT FARM

Express paid in lots of 5. 16 Registered Heifers bred, 17 unbred, 18 cows, ½ from A. R. O. dams. 21 registered bulls 10 to 18 mos. old, 50 grade two-year-old heifers. 25 grade cows due in spring. 25 close springers must be sold to make stable room.

JOHN C. REAGAN, Tully, N. Y.

GIVE THIS THE ONCE OVER

Just Bulls? NO, REGULAR BULLS. Sire, a 34.49-lb. son of S. P. M. and he's got a 42.31-lb. sister. Dams, daughters of Colantha Johanna Champion, a son of Colantha 4th's Johanna, 35.22 lbs., and the only cow with all world's records. Sure champions. Got 30-lb. daughters, five of 'em. World's records in their pedigree and you don't have to hunt to find them, either.

W. J. Gillett & Sons "HOME OF THE JOHANNAS" Rosendale, Wis.

CAN YOU BEAT IT IN IOWA?

Herd sire, Tall Oaks Pontiac Korndyke—47 per cent of the blood of Pontiac Korndyke; 56.25 per cent same breeding as Pontiac Clothilde De Kol 2d

TALL OAKS FARM Myron E. Talcott **Randalia, Iowa**

Bargains in Females

We offer some special bargains in females bred to King Model. We are short of help and want to sell a few.

H. PERKINS & SON **Red Creek, N. Y.**

HEIFER AND BULL CALVES

Conditions compel us to offer nearly our entire crop of calves both male and female. Many of them sired by a son of King of the Sadie Vales and descendants of K. P. Pontiac Lass on their dam's side. Some of them have yearly record backing. A great opportunity for one wishing to purchase a number of heifer calves all by one sire.

PRICES REASONABLE, BREEDING CONSIDERED
No bulls of service age to offer.

IRVING N. ROE Branchville, N. J.

A Show Bull Sired by King of the Pontiacs

We offer our herd bull, King Pontiac Charity Beets, a 4-year-old son of King of the Pontiacs, from Charity Beryl Beets, a 19.45-lb. granddaughter of Beryl Wayne's Paul De Kol. He is a sure server, a fine individual weighing over a ton. Also have several of his sons from good record dams. Price for quick sale. Photo on request.

BELLEFONT FARMS

PATTERSON & DICKINSON Bellefontaine, Ohio

AUCTIONEERS

Another World's Record

It has recently been reported among Holstein breeders that the Auctioneer's Long Distance Record is in danger of being set at a new mark. Freshening for his twentieth year of active service in Holstein sales, the record is now being challenged by

B. V. KELLEY
Syracuse New York

Auctioneer

A lifetime's experience with Holsteins and selling sales all over the United States and Canada. "That's Us." Perhaps we can make you a Dollar.

R. E. HAEGER
Algonquin Illinois

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Satisfied customers my best advertising. Write or wire early for dates, as I sell nearly every day during the sale season.

GEORGE W. BAXTER
Elmira, N. Y.

WHITE

knows pedigrees, values, individuality and the buyers. His knowledge and services are at your command. Good in Box, Ring or anywhere you put him.

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"THINK"
COL. D. L. PERRY
The Holstein Auctioneer
I also sell satisfaction
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For Your Holsteins With
J. E. MACK
Ft. Atkinson, Wis.
IN THE BOX

Go Over the Top With Your Holstein Sale
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AUCTIONEERS
C. M. Hess, Akron, O.
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Write for dates
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BLACK AND WHITE SPECIALIST

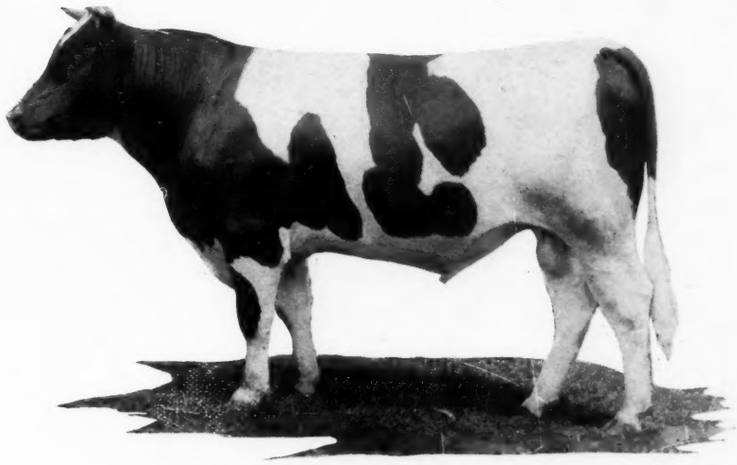
With years of successful selling experience which will assure you of satisfaction and greatest efficiency at your sale ring if you place your dates with

C. FRED PARSONS Oswego, N. Y.

America's Quality Herd

King Valdessa Pontiac

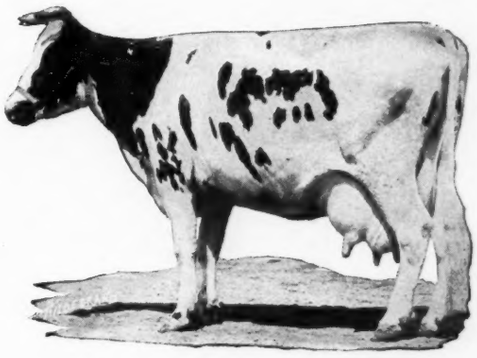
The Premier Herd Sire of America



The bull that because of his rich inheritance of the world's greatest producing blood and because of his faultless individuality was selected to head this herd. A son of King Valdessa and Mabel Segis Korndyke, the former world's champion four-year-old.

Another of Our Great Foundation Cows!

Korndyke Hengerveld Colantha 3d



Born April 7, 1908

BUTTER	23.99
MILK	575.10

Purchased of

W. S. MOSCRIP **Lake Elmo, Minn.**

A cow of great capacity and a producer of marked ability. Her wonderfully straight back, depth of body and evenly balanced well carried udder makes her a most desirable foundation animal and with her combination of breeding is a worthy cross for King Valdessa Pontiac. She is sired by a son of Mooie Mutual De Kol, one of the best sons of De Kol 2d's Mutual Paul and the famous cow, Pleasant Valley Kate. Her sire is a brother to Fobes Tritomia Mutual De Kol, with three 30-lb. daughters, two above 34 lbs. Her dam is a daughter of Korndyke Hengerveld Sir Paul De Kol whose sire is from a daughter of the famous Belle Korndyke. Combining these lines with the great King Valdessa Pontiac should produce the very sort of animals we are striving to breed.

Bell Farm Herd

JOHN A. BELL, Jr., Owner
Coraopolis, Pa.

KING
SADIE
VALE

SUPREME

"THE GREATEST BRED BULL OBTAINABLE"

READY FOR SERVICE

A SON OF A 40-LB. 3-YR.-OLD

HIS SIRE

King Korndyke Sadie Vale

Known from coast to coast as the greatest sire of his age. The sire of no less than 35 A. R. O. daughters, five of them above 30 lb., one above 40 lb. as a 3-yr-old. He is the only bull in the world with a 40-lb. dam and a 40-lb. daughter. He is the only bull with a 40-lb. dam, a 40-lb. sister and a 40-lb. daughter, and he is the only bull with a 40-lb. daughter with an average of over 39 lb. for his two nearest dams.

HIS DAM

K. K. S. V. Topsy

K. K. S. V. Topsy is the only 3-yr-old in the world that ever made over 40-lb. butter after dropping twin calves. Her record is 40.38-lb. butter from 568.4-lb. milk. She is sired by King Korndyke Sadie Vale and is from a 33-lb. cow that is by a son of the first 37-lb. cow and is a sister to the first 40-lb. heifer, Mabel Segis Korndyke.

SEND
FOR HIS
PEDIGREE

BROTHERTOWN FARMS

Q. McADAM, 23 So. Street UTICA, N. Y.